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Communicated to
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To

The Pwd Secy

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Proceedings, dated 15 August 1883.
No. 9159 Irrs

Subject.

No 2418 Way 29-8-83

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PRELIMINARY ISSUE.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET ESTIMATES.

MADRAS.

PUBLIC WORKS DEPARTMENT.

PROVINCIAL SERVICE BUDGET-ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1883-84.

Prepared with reference to the Government of India Resolution No. 15—4 A.G., dated 3rd January 1879.

CHEPAUK,
23rd January 1883.

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

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GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF PROVINCIAL SERVICES PUBLIC WORKS REVENUE IN MADRAS FOR THE YEAR 1883-84.

BUDGET-ESTIMATE OF THE REVENUE THAT WILL BE REALIZED BY, AND ON ACCOUNT OF, PROVINCIAL SERVICES OF THE PUBLIC WORKS DEPARTMENT IN MADRAS FOR THE YEAR FROM 1ST APRIL 1883 TO 31ST MARCH 1884.

	Budget Estimate, 1883-84.	Budget Estimate, 1882-83.	Regular Estimate, 1882-83.
	Rs.	Rs.	Rs.
Realized in the Public Works Department	2,00,000	1,53,000	1,53,000
Total ...	2,00,000	1,53,000	1,53,000

GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF EXPENDITURE ON PUBLIC WORKS FROM PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1883-84.

ABSTRACT OF THE ESTIMATED EXPENDITURE FOR PUBLIC WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR FROM 1ST APRIL 1882 TO 31ST MARCH 1883.

	Reference to Detailed Estimate.	Budget Estimate, 1883-84.	Budget Estimate, 1882-83.	Regular Estimate, 1882-83.
	Pages	Rs.	Rs.	Rs.
Original Works.				
Civil Buildings	6—9	8,82,731	10,96,119	11,15,878
Communications	8, 9	1,14,630	1,20,000	1,49,086
Miscellaneous Public Improvements	10, 11	55,400	82,748	85,059
	...	10,52,761	12,98,867	13,50,023
Repairs.				
Civil Buildings	16	1,26,000	97,830	1,30,090
Communications		37,000	37,053	43,873
Miscellaneous Public Improvements		3,000	2,500	8,000
	...	1,66,000	1,37,383	1,81,963
Total, Works and Repairs.				
Civil Buildings	...	10,08,731	11,93,949	12,45,968
Communications	...	1,51,630	1,57,053	1,92,959
Miscellaneous Public Improvements	...	58,400	85,248	93,659
	...	12,18,761	14,36,250	15,31,986
Establishment	17—43	8,39,457	7,59,666	5,72,583
Tools and Plant	44, 45	64,282	8,000	31,639
Stock and Suspense	46	27,500	7,300	7,300
Profit and Loss	...	...	...	...
Total ...	...	21,50,000	22,11,216	21,43,508

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM PROVINCIAL SERVICES AND CONTRIBUTIONS AS DETAILED WITHIN.

	1883-84.						Budget Estimate, 1882-83.	Regular Estimate, 1882-83.
	Original Works.	Repairs.	Establishment.	Tools and Plant.	Stock and Suspense.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Provision from Provincial Services—								
In India ...	10,52,761	1,66,000	22,76,012	57,709	27,500	35,79,982	35,60,054	34,92,346
In England ...	...	...	...	67,291	...	67,291	31,800	31,800
Total as above ...	10,52,761	1,66,000	22,76,012	1,25,000	27,500	36,47,273	35,91,854	35,24,146
Provision from Contributions—								
In India ...	...	...	14,36,555	60,718	...	14,97,273	13,80,638	13,80,638
Grand Total ...	10,52,761	1,66,000	8,39,457	64,282	27,500	21,50,000	22,11,216	21,43,508

GOVERNMENT OF MADRAS.

PART III.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT UNDER PROVINCIAL SERVICES IN THE MADRAS PRESIDENCY FOR 1883-84.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH.	Rs.	Rs.	Rs.	Rs.	Rs.	
		Engineer Establishment.						
1	1	Chief Engineer, 1st Class, and Secretary to Government, and Buildings and Roads Branch.	2,500					
		Net Military pay proper of a Colonel, R.E.	304 3/8					
				2,804				
1	1	Chief Engineer, 2nd Class, and Joint Secretary to Government, Irrigation Branch.	2,000					
		Net Military pay proper of a Colonel, R.E.	304 3/8					
				2,304				
2	2	Total, Chief Engineers ...	...	5,108	61,296	———	61,296	
		Superintending Engineers.						
3	3	Superintending Engineer, 1st Class.	1,600	4,800				
2	3*	Superintending Engineer, 2nd Class.	1,350	3,375				* Includes a Special Officer for Investigations connected with the Tank Maintenance Scheme for six months.
2	2	Superintending Engineer, 3rd Class.	1,100	2,200				
		Difference between the consolidated salary of a Superintending Engineer, 1st Class, and that of Colonel J. H. M. Shaw-Stewart, R.E., who holds the personal rank of a Chief Engineer, 3rd Class.	...	200				
		Military pay and allowances.	...	1,575				
7	8	Total, Superintending Engineers.	...	12,150	1,45,800	———	1,34,784	
		Executive Engineers.						
10	11†	Executive Engineer, 1st Grade.	950	10,450				† Includes a Special Officer for the Tank Maintenance Scheme.
11	12‡	Executive Engineer, 2nd Grade.	800	9,600				‡ Includes a Special Assistant to the Chief Engineer for Irrigation for Tank Maintenance.
11	11	Executive Engineer, 3rd Grade.	650	7,150				
32	34	Carried over ...	...	27,200	2,07,096	...	1,96,080	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
32	34	Brought forward ...	...	27,200	2,07,096	...	1,96,080	
		EXECUTIVE BRANCH —*cont.*						
		Engineer Establishment —*cont.*						
		Executive Engineers—cont.						
4	4	Executive Engineer, 4th Grade.	550	2,200				
		Difference between the pay of an Executive Engineer, 1st Grade, and Consulting Architect to Government.	...	250				
		Military pay and allowances.	...	5,284				
36	38	Total, Executive Engineers.	...	34,934	4,19,208	...	3,74,568	
		Assistant Engineers.						
27	28*	Assistant Engineer, 1st Grade.	450	12,600				*Includes two Special Officers for the Tank Maintenance Scheme.
20	21*	Assistant Engineer, 2nd and 3rd Grade.	350 & 250 (19 / 2)	7,150				
		Military pay and allowances.	... *	800				
47	49	Total, Assistant Engineers.	...	20,550	2,46,600	...	2,33,244	
92	97	Total, Engineer Establishment.	...	...	...	8,72,904	8,03,892	
		Deduct—						
		The pay of Consulting Engineer for Railways and his two Deputies, chargeable to Railway Imperial (4,224½ × 12) = 50,694						
		Moiety of the pay and allowances of General Superintendent, Public Works Workshops, chargeable to Workshops (225 × 12) ... 2,700						
		Total for a year ... 53,394	...	...	...	53,394	54,714	
92	97	Net Total, Engineer Establishment.	...	...	...	8,19,510	7,49,178	

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Upper Subordinate Establishment.						
		Sub-Engineers.						
9	9	Sub-Engineer, 1st Grade ...	400	3,600				
9	9	Do. 2nd „ ...	300	2,700				
17	18*	Do. 3rd „ ...	250	4,500				
		Military pay and allowances.	...	435				* Includes one for Tank Maintenance Scheme.
35	36	Total, Sub-Engineers ...	...	11,235	1,34,820	...	1,31,220	
		Supervisors.						
22	22	Supervisors, 1st Grade ...	200	4,400				
36	37*	Do. 2nd Grade ...	150	5,550				
...	...	Military pay and allowances.	...	80				
58	59	Total, Supervisors ...	...	10,030	1,20,360	...	1,18,380	
		Overseers.						
28	29*	Overseers, 1st Grade ...	100	2,900				
28	29*	Do. 2nd „ ...	80	2,320				† Includes two for Tank Maintenance Scheme.
36	38†	Do. 3rd „ ...	60	2,280				
...	...	Military pay and allowances.	...	780				
92	96	Total, Overseers ...	...	8,280	99,360	...	92,376	
		Apprentices.						
...	5	Apprentice Supervisors ...	90	450				
...	5	Military Apprentice Overseers, 1st Grade.	80	400				
...	3	Apprentice Overseers, 2nd Grade.	60	180				
...	2	Do. 3rd Grade ...	40	80				
		Additional remuneration for two Apprentice Instructors.	50	100				
...	15	Total, Apprentices ...	...	1,210	14,520			
		Sub-divisional allowance for twenty Upper Subordinates.	30	600	7,200	...	3,600	
185	206	Carried over ...	...	...	3,76,260	...	3,45,576	

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
185	206	Brought forward ...	...	...	3,76,260	...	3,45,576	
		EXECUTIVE BRANCH —*cont.*						
		Upper Subordinate Establishment—*cont.*						
		Surveyors.						
4	5*	Surveyors	260	1,000				
4	5*	Do.	150	750				
4	5*	Do.	100	500				
4	5*	Do.	80	400				
16	20	Total, Surveyors ...	...	2,650	31,800		25,440	
201	226	Total, Upper Subordinate Establishment.	...	...	4,08,060		3,71,016	* One for Tank Maintenance Scheme.
		Deduct— The pay and allowances of a Sub-Engineer, 3rd Grade, two Supervisors, 2nd Grade, one of whom is a Sub-Conductor, and one Overseer, 2nd Grade, chargeable to Public Works Workshops (250 + 180 + 150 + 80) = 660.	...	...	7,920		5,760	
201	226	Net Total, Upper Subordinate Establishment.	...	...	...	4,00,140	3,65,256	
		Lower Subordinate Establishment.						
2	8	Sub-Overseers, 1st Grade ...	60	240				Provision made for only half the year.
...	8	Do. 2nd „ ...	40	160				
6	8	Do. 3rd „ ...	30	120				
8	24	Total, Lower Subordinate Establishment.	...	520	6,240	6,240	2,880	
		Petty Establishment.						
		Storekeepers.						
4	5	Storekeepers	30	150				
7	8	Do.	25	200				
8	6	Do.	20	120				
7	7	Do.	15	105				
26	26	Total, Storekeepers ...		575				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		Lithographic Establishment.						
1	1	Superintendent	250	250				
1	1	Head Draftsman	120	120				
1	1	Second do.	100	...				
1	1	Third do.	80	80				
1	1	Fourth do.	60	60				
1	1	Fifth do.	40	40				
1	1	Sixth do.	30	30				
1	1	Seventh do.	25	25				
1	1	Eighth do.	20	20				
1	1	Ninth do.	15	15				
1	1	Tenth do.	10	10				
1	1	Tracer and Record-keeper.	25	25				
1	1	Do. do. ...	16	16				
1	1	Head Printer	20	20				
1	1	Second do.	12	12				
1	1	Third do.	12	12				
2	2	Pressmen	9	18				
6	6	Do.	8	48				
2	2	Do.	7	14				
2	2	Do.	5	10				
...	1	Clerk, 4th Class, 2nd Grade.	35	35				
28	28	Total, Lithographic Establishment.	...	860	10,320	...	11,100	
		For Chief Engineer and Joint Secretary to Government, Irrigation Branch.						
2	2	Clerks, 1st Class, 3rd Grade.	225	450				
1	1	Do. 2nd „ 3rd „ ...	110	110				
2	2	Do. 3rd „ 1st „ ...	90	180				
1	1	Do. 3rd „ 2nd „ ...	70	70				
1	1	Do. 3rd „ 3rd „ ...	55	55				
2	2	Do. 4th „ 1st „ ...	45	90				
3	3	Do. 4th „ 2nd „ ..	35	105				
1	1	Do. 4th „ 3rd „ ...	25	25				
13	13		...	1,085				
1	1	Draftsman, 1st Class ...	60	60				
2	2	Do. 2nd „ ...	42½	85				
2	2	Do. 3rd „ ...	25	50				
5	5		...	195				
		Carried over ...		1,280				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...		1,280				
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		For Chief Engineer and Joint Secretary to Government, Irrigation Branch —cont.						
1	1	Reference Picker	15	15				
...	1	Do.	8	8				
1	1	Muchi	10	10				
1	1	Head Messenger	8	8				
2	2	Messengers	7	14				
2	2	Do.	6	12				
3	3	Lascars	7	21				
10	11		...	88				
28	29	Total, Office Establishment for Chief Engineer for Irrigation.	...	1,368	16,416	...	16,260	
		For seven Superintending Engineers' Offices.						
...	1	Clerk, 2nd Class, 1st Grade.	150	150				
1	1	Do. 2nd „ 3rd „	110	110				
1	...	Do. 3rd „ 2nd „	...	...				
...	1	Do. 3rd „ 3rd „	55	55				
1	1	Do. 4th „ 1st „	45	45				
1	1	Do. 4th „ 2nd „	35	35				
2	2	Do. 4th „ 3rd „	25	50				
...	1	Draftsman, 80-100 ...	90	90				
1	1	Do. 1st Class ...	60	60				
1	1	Do. 2nd „ ...	42½	42½				
1	1	Messenger	8	8				
3	3	Messengers	6	18				
12	14	Total for each office ...	...	663½ 7				
72	98*	Total for seven offices ...	...	4,644½	55,734	...	31,572	
		For Presidency Division.						
1	1	Clerk, 3rd Class, 2nd Grade.	70	70				
1	1	Do. 4th „ 1st „	45	45				
2	2	Clerks, 4th „ 2nd „	35	70				
		Carried over ...		185				

* Includes office for a Special Officer for Investigation connected with the Tank Maintenance Scheme.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...						
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		For Presidency Division —cont.		185				
3	3	Clerks, 4th Class, 3rd Grade.	25	75				
2	2	Do. 5th „ 1st „	17½	35				
1	1	Cashier (Clerk, 3rd Class, 2nd Grade).	70	70				
1	1	Draftsman, 1st Class ...	60	60				
1	1	Do. 2nd „ ...	42½	42½				
3	3	Do. 3rd „ ...	25	75				
1	1	Messenger	7	7				
1	1	Do.	6	6				
17	17	Total, Office Establishment, Presidency Division.	...	555½	6,666	...	6,666	
		For Godávari Eastern Division.						
1	1	Clerk, 3rd Class, 2nd Grade.	70	70				
1	2	Do. 4th „ 1st „	45	90				
1	1	Do. 4th „ 2nd „	35	35				
3	3	Do. 4th „ 3rd „	25	75				
1	1	Draftsman, 1st Class ...	60	60				
1	1	Do. 3rd „ ...	25	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
10	11	Total, Office Establishment, Godávari Eastern Division.	...	368	4,416	...	3,876	
		For Kistna Eastern Division.						
1	1	Clerk, 3rd Class, 2nd Grade.	70	70				
1	1	Do. 4th „ 1st „	45	45				
1	1	Do. 4th „ 2nd „	35	35				
3	3	Do. 4th „ 3rd „	25	75				
1	1	Cashier (Clerk, 4th Class, 3rd Grade).	25	25				
1	1	Draftsman, 1st Class ...	60	60				
1	1	Do. 3rd „ ...	25	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
11	11	Total, Office Establishment, Kistna Eastern Division.	...	348	4,176	...	4,176	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		*For Eight First-class Divisions.**						* 1. Godávari Western. 2. Kistna Western. 3. Kurnool Canal. 4. South Arcot. 5. Buckingham Canal. 6. Tanjore. 7. Tinnevelly. 8. Coimbatore.
1	1	Clerk, 3rd Class, 2nd Grade.	70	70				
1	1	Do. 4th „ 1st „	45	45				
1	1	Do. 4th „ 2nd „	35	35				
2	2	Do. 4th „ 3rd „	25	50				
1	1	Draftsman, 1st Class ...	60	60				
1	1	Do. 3rd „ ...	25	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
9	9		...	298				
				8				
63	72	Total for eight offices ...	...	2,384	28,608	...	25,032	
		For Seven Second-class Divisions.†						† 1. Nellore. 2. Cuddapah. 3. North Arcot. 4. Chingleput. 5. Trichinopoly. 6. Negapatam. 7. Sangam Project.
1	1	Clerk, 3rd Class, 2nd Grade.	70	70				
1	1	Do. 4th „ 2nd „	35	35				
2	2	Do. 4th „ 3rd „	25	50				
1	1	Draftsman, 1st Class ...	60	60				
1	1	Do. 3rd „ ...	25	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
8	8	Total for each office ...	...	253				
				7				
73	56	Total for seven offices ...	...	1,771				
...	1	Add Cashier (Clerk, 4th Class, 1st Grade) for Sangam Project Division.	...	45				
...	57		...	1,816	21,792	...	27,864	
		For Nilgiri Division.						
...	1	Clerk, 3rd Class, 2nd Grade.	70	70				
...	1	Do. 4th „ 1st „	45	45				
...	2	Do. 4th „ 2nd „	35	70				
...	1	Draftsman, 1st Class ...	60	60				
...	1	Do. 2nd „ ...	42½	42½				
...	1	Messenger	9	9				
...	1	Do.	8	8				
...	8	Total, Office Establishment, Nilgiri Division.	...	304½	3,654	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		*For Six Third-class Divisions.**						* 1. Ganjam. 2. Vizagapatam. 3. Bellary. 4. Salem. 5. Madura. 6. Kurnool.
1	1	Clerk, 3rd Class, 3rd Grade.	55	55				
1	1	Do. 4th „ 2nd „	35	35				
2	2	Do. 4th „ 3rd „	25	50				
1	1	Draftsman, 2nd Class ...	42½	42½				
1	1	Do. 3rd „ ...	25	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
8	8	Total for each office ...	...	220½				
			...	6				
48	48	Total for six offices ...	...	1,323	15,876	...	15,876	
		Office Establishment for Consulting Architect to Government.						
1	1	Clerk, 4th Class, 1st Grade.	45	45				
1	1	Draftsman and Estimator...	145	145				
1	1	Do. 2nd Class ...	42½	42½				
1	1	Do. 3rd „ ...	25	25				
1	1	Messenger	7	7				
1	1	Do.	6	6				
6	6	Total, Office Establishment for Consulting Architect to Government.	...	270½	3,246	...	3,246	
		For Public Works Stores.						
1	1	Clerk, 2nd Class, 2nd Grade.	140	140				
1	1	Do. 3rd „ 2nd „	70	70				
1	1	Do. 4th „ 2nd „	35	35				
1	1	Do. 4th „ 3rd „	25	25				
1	1	Messenger	8	8				
2	2	Do.	7	14				
2	2	Do.	6½	13				
9	9	Total, Office Establishment, Public Works Stores.	...	305	3,660	...	3,660	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
		Office (Toll) Establishment, Buckingham Canal.						
3	3	Clerks, 4th Class, 2nd Grade	35	105				
7	7	Do. 4th „ 3rd „	25	175				
9	9	Do. 5th „ 1st „	17½	157½				
2	2	Do. 5th „ 2nd „	12½	25				
1	1	Lascar	8	8				
22	22	Lascars	7	154				
25	25	Do.	6	150				
69	69	Total, Office (Toll) Establishment, Buckingham Canal.	...	774½	9,294	...	9,294	
		For Three Project Divisions.						
2	2	Draftsmen, 1st Class ...	60	120				
2	2	Do. 2nd „ ...	42½	85				
1	1	Clerk, 4th Class, 2nd Grade.	35	35				
1	1	Do. 5th „ 1st „	17½	17½				
1	1	Messenger	7	7				
1	1	Do.	6	6				
8	8	Total for each Project Division Office.	...	270½				
				3				
24	24	Total for three offices ...	...	811½				
		For D Project Division.						
2	2	Draftsmen, 1st Class ...	60	120				
2	1	Do. 2nd „ ...	42½	42½				
...	1	Do. 3rd „ ...	25	25				
...	1	Clerk, 3rd Class, 3rd Grade.	55	55				
1	...	Do. 4th „ 2nd „	...	...				
1	...	Do. 5th „ 1st „	...	...				
1	1	Messenger	7	7				
1	1	Do.	6	6				
8	7	Total, Office Establishment, D Project Division.	...	255½				
32	31	Total, Office Establishment, Project Division Offices.	...	1,067	12,804	...	12,984	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Office Establishment —*cont.*						
		For Fifty-five Sub-divisional Offices.						
1	1	Clerk, 4th Class, 3rd Grade.	25	25				
1	1	Messenger	6	6				
2	2	Total for each Sub-divisional office.	...	31				
110	110	Total for 55 offices ...	...	1,705	20,460	...	18,600	
		For Eighty-two Detached Officers.						
1	1	Clerk, 4th Class, 3rd Grade.	25	25				
1	1	Total for each Detached Officer.	...	25				
88	82	Do. for 82 officers ...	...	82 2,050	24,600	...	26,400	
		For Ninety-one Overseers.						
1	1	Clerk, 5th Class, 1st Grade.	17½	17½				
1	1	Total for each Overseer ...	...	17½ 91				
92	91	Total for ninety-one Overseers.	...	1,592½	19,110	...	19,320	
		Abstract of Office Establishment.						
36	38	Public Works Department Secretariat.	...	...	35,874	...	30,222	
28	29	Lithographic Establishment	...	...	10,320	...	11,100	
28	29	Office of Chief Engineer for Irrigation.	...	..	16,416	...	16,260	
72	98	Nine Superintending Engineers' Offices.	...	...	55,734	...	31,572	
17	17	Presidency Division Office.	...	...	6,666	...	6,666	
10	11	Godávari Eastern Division Office.	...	...	4,416	...	3,876	
11	11	Kistna Eastern Division Office	...	...	4,176	...	4,176	
63	72	Eight 1st-Class Division Offices.	...	...	28,608	...	* 25,032	* For seven 1st-Class Divisions.
		Carried over ...			1,62,210			

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		Brought forward ...	Rs.	Rs.	Rs. 1,62,210	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Office Establishment —*cont.*						
73	57	Seven 2nd Class Division Offices.	...	...	21,792	...	* 27,864	* For nine 2nd Class Divisions.
...	8	Nilgiri Division Office ...	...	...	3,654	...	..	
48	48	Six 3rd Class Division Offices.	...	...	15,876	...	15,876	
6	6	Office of Consulting Architect to Government.	...	...	3,246	...	3,246	
9	9	Office Establishment, Public Works Stores.	...	...	3,660	...	3,660	
69	69	Toll Establishment, Buckingham Canal.	...	...	9,294	...	9,294	
32	31	4 Project Division Offices.	...	...	12,804	...	12,984	
100	110	55 Sub-divisional Offices ...	...	...	20,460	...	† 18,600	† For 50 Sub-divisional Officers.
88	82	82 Detached Officers ...	...	...	24,600	...	‡ 26,400	‡ For 88 Detached Officers.
92	91	91 Overseers	...	...	19,110	...	§ 19,320	§ For 92 Overseers.
782	814	Total, Office Establishment.	...	...	...	2,96,706	2,66,148	
		Irrigation (Conservancy) Establishment including that for the Kurnool Canal.						
		Godávari Delta System.						
		Water Regulation Establishment.						
1	1	Anicut Superintendent ...		120	120			
1	1	Do. Maistry		18	18			
1	1	Do. do.		15	15			
1	1	Do. do.		12	12			
3	3	Clerks		15	45			
1	1	Shroff		10	10			
5	5	Delta Superintendents ...		70	350			
10	10	Do. do. ...		55	550			
12	12	Do. do. ...		40	480			
5	5	Superintendents		8	40			
1	1	Peon		6	6			
3	3	Peons		5	15			
36	36	Lascars		6	216			
75	75	Do.		5	375			
155	155	Total, Water Regulation Establishment, Godávari Delta System.	...		2,252			

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Irrigation (Conservancy) Establishment including that for the Kurnool Canal—*cont.*						
		Godávari Delta System —cont.						
		Navigation Establishment.						
1	1	Boat Superintendent ...	116	116				
2	2	Lock Superintendents ...	15	30				
15	15	Do. do. ...	12	180				
19	19	Do. do. ...	10	190				
1	1	Do. do. ...	9	9				
12	12	Do. do. ...	8	96				
135	135	Lock Lascars	6	810				
72	72	Do.	5	360				
		1 Superintendent (increase of pay to Nundamur Weir Superintendent.)	4	4				
257	257	Total, Navigation Establishment, Godávari Delta System.	...	1,795				
		Kistna Delta System.						
		Water Regulation Establishment.						
1	1	Anicut Superintendent ...	120	120				
...	1	Assistant Do. ..	40	40				
...	1	Clerk, 5th class, 1st Grade .	17½	17½				
...	1	Do. do. 2nd do. .	12½	12½				
3	3	Delta Superintendents ..	70	210				
5	3	Do. ...	55	165				
6	8	Do. ...	40	320				
17	18	Lascars	8	144				
17	18	Do.	7	126				
25	26	Do.	6	156				
29	27	Do.	5	135				
	1	Irrigation Work, 5th Class, 1st Grade.	17½	17½				
1	...	Anicut Maistry	30	...				
1	...	Clerk	12	...				
1	...	Do.	15	...				
106	108	Total, Water Regulation Establishment, Kistna Delta System.	...	1,463½				
		Navigation Establishment.						
3	3	Lock Superintendents ...	15	45				
8	7	Do. ...	12	84				
8	10	Do. ...	10	100				
		Carried over ...		229				

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		Brought forward ...	Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation (Conservancy) Establishment including that for the Kurnool Canal—*cont.*						
		Kistna Delta System—cont.						
	20	*Navigation Establishment* —cont.		229				
15	14	Lascars	8	112				
17	14	Do.	7	98				
21	21	Do.	6	126				
17	22	Do.	5	110				
1	2	Traffic Clerk	12	24				
	1	Boat Clerk, V Class, 1st Grade.	17½	17½				
90	90	Total, Navigation Establishment, Kistna Delta System.	...	716½				
		Penner Anicut System.						
		Water Regulation Establishment.						
1	1	Anicut Superintendent ...	60	60				
1	1	Delta do. ...	70	70				
1	1	Clerk	15	15				
1	1	Do	10	10				
1	1	Lascar	7	7				
17	17	Do.	6	102				
4	4	Do.	5	20				
26	26	Total, Water Regulation Establishment, Penner Anicut System.	...	284				
		Cauvery Delta System.						
		Water Regulation Establishment.						
1	1	Superintendent	17½	17½				
3	3	Do.	15	45				
2	2	Do.	12	24				
4	4	Do.	10	40				
6	6	Do.	8	48				
1	1	Do.	7	7				
15	15	Lascars	6	90				
26	26	Do.	5	130				
86	86	Do.	4	344				
144	144	Total, Water Regulation Establishment, Cauvery Delta System.	...	745½				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Irrigation (Conservancy) Establishment including that for the Kurnool Canal—*cont.*						
		Cauvery Delta System—cont.						
		Navigation Establishment.						
1	1	Superintendent	8	8				
1	1	Lascar	5	5				
2	2	Total, Navigation Establishment, Cauvery Delta System.	...	13				
		Srivaikuntham Anicut System.						
		Water Regulation Establishment.						
2	2	Maistries	30	60				
1	1	Superintendent	12	12				
21	21	Lascars	5	105				
24	24	Total, Water Regulation Establishment, Srivaikuntham Anicut System.	...	177				
		Chembrambakam Tank.						
		Water Regulation Establishment.						
1	1	Superintendent	12	12				
1	1	Do.	10½	10½				
2	2	Lascars	6	12				
5	5	Do.	5	25				
9	9	Total, Water Regulation Establishment, Chembrambakam Tank.	...	59½				
		Madras Water-Supply and Irrigation Project.						
1	1	Superintendent	25	25				
1	1	Do.	15	15				
4	4	Lascars	7	28				
2	2	Do.	6	12				
4	4	Do.	5	20				
12	12	Total, Madras Water-Supply and Irrigation Project.	...	100	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Irrigation (Conservancy) Establishment including that for the Kurnool Canal—*cont.*						
		Pálár Anicut System.						
		Water Regulation Establishment, Chingleput District.						
1	1	Maistry	20	20				
2	2	Lascars	6	12				
12	12	Do.	4	48				
		North Arcot District.						
1	1	Superintendent	25	25				
1	1	Do.	15	15				
3	3	Do.	12	36				
15	15	Lascars	4½	67½				
35	35	Total, Water Regulation Establishment, Pálár Anicut System.	...	223½				
		Pelandorai Anicut System.						
		Water Regulation Establishment.						
1	1	Superintendent	30	30				
1	1	Lascar	8	8				
2	2	Do.	6	12				
7	7	Do.	5	35				
11	11	Total, Water Regulation Establishment, Pelandorai Anicut System.	...	85				
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept.						
		Water Regulation Establishment, Ganjam District.						
3	3	Lascars	7	21				
14	14	Do.	4	56				
1	1	Do.	3½	3½				
18	18	Total, Water Regulation Establishment, Ganjam District.	...	80½				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept – *cont.*						
		Vizagapatam District.						
3	3	Superintendents	12	36				
13	13	Lascars	5	65				
16	16	Total, Water Regulation Establishment, Vizagapatam District.	...	101				
		Godávari District.						
1	1	Lascar	9	9				
1	1	Do.	7	7				
2	2	Total, Water Regulation Establishment, Godávari District.	...	16				
		Chingleput District.						
1	1	Superintendent	10½	10½				
1	1	Lascar	6	6				
1	1	Do.	5	5				
3	3	Total, Water Regulation Establishment, Chingleput District.	...	21½				
		South Arcot District.						
1	1	Superintendent	40	40				
1	1	Do.	35	35				
2	2	Do.	25	50				
2	2	Do.	20	40				
10	10	Lascars	8	80				
9	9	Do.	6	54				
28	28	Do.	5	140				
53	53	Total, Water Regulation Establishment, South Arcot District.	...	439				
		North Arcot District.						
1	1	Superintendent	27	27				
2	2	Do.	20	40				
		Carried over ...	...	67	...	...	...	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		Brought forward ...	Rs. ...	Rs. 67	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept—*cont.*						
		North Arcot District—cont.						
1	1	Superintendent	12	12				
1	1	Do.	10	10				
5	5	Lascars	6	30				
15	15	Do.	5	75				
25	25	Total, Water Regulation Establishment, North Arcot District.	...	194				
		Coimbatore District.						
1	1	Superintendent	5	5				
4	4	Lascars	2½	10				
5	5	Total, Water Regulation Establishment, Coimbatore District.	...	15				
		Malabar District.						
1	1	Watchman	4	4				
1	1	Do.	3	3				
		Additional amount sanctioned.	...	11½				
2	2	Total, Water Regulation Establishment, Malabar District.	...	18½				
		Tanjore District.						
1	1	Superintendent	15	15				
1	1	Lascar	6	6				
1	1	Do.	5	5				
6	6	Do.	4	24				
9	9	Total, Water Regulation Establishment, Tanjore District.	...	50				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept—*cont.*						
		Trichinopoly District.						
1	1	Superintendent	15	15				
1	1	Do.	12	12				
2	2	Do.	10	20				
1	1	Lascar	6	6				
5	5	Do.	5	25				
18	18	Do.	4	72				
4	4	Do.	3	12				
32	32	Total, Water Regulation Establishment, Trichinopoly District.	...	162				
		Madura District.						
4	4	Lascars	4	16				
4	4	Total, Water Regulation Establishment, Madura District.	...	16				
		Tinnevelly District.						
1	1	Superintendent	45	45				
2	2	Do.	35	70				
4	4	Do.	30	120				
7	7	Lascars	8	56				
23	23	Do.	6	138				
23	23	Do.	5	115				
60	60	Total, Water Regulation Establishment, Tinnevelly District.	...	544				
		Navigation Establishment.						
		South Arcot District.						
1	1	Superintendent	15	15				
1	1	Do.	10	10				
1	1	Lascar	8	8				
7	7	Do.	5	35				
10	10	Total, Navigation Establishment, South Arcot District.	...	68				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		EXECUTIVE BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Agricultural Works. River Conservancy Establishment.						
		Godávari District.						
2	2	Superintendents	15	30				
4	4	Lascars	6	24				
6	6	Total, River Conservancy Establishment, Godávari District.	...	54				
		South Arcot District.						
3	3	Lascars	8	24				
6	6	Do.	5	30				
9	9	Total, River Conservancy Establishment, South Arcot District.	...	54				
		Trichinopoly District.						
2	2	Lascars	7	14				
20	20	Do.	4	80				
4	4	Do.	3	12				
10	10	Do.	2½	25				
36	36	Total, River Conservancy Establishment, Trichinopoly District.	...	131				
1161	1161	Total, Conservancy Establishment.	...	9,879	1,18,548	...	1,22,947	
		Conservancy Establishment, Kurnool Canal Division. Irrigation.						
...	3	Irrigation Superintendents.	40, 55 & 70	165				
...	4	Anicut do. ...	15, 20 & 25	75				
...	10	Head Lascars	8	80				
...	15	Lascars	7	105				
...	17	Do.	6	102				
...	13	Do.	5	65				
...	3	Lascars for three Irrigation Superintendents.	6	18				
...	65	Total, Irrigation, Kurnool Canal Division.	...	610				

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—*continued.*

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Agricultural Works. River Conservancy Establishment—*cont.*						
		Conservancy Navigation, Kurnool Canal Division.				610		
	7	Lock Superintendents ...	12	84				
	15	Do. do. ...	10	150				
	20	Do. do. ...	8	160				
	42	Total, Conservancy Navigation Establishment, Kurnool Canal Division.	....	394				
...	...	Total, Conservancy Establishment.	...					
107		Kurnool Canal Division ...	...	1,004	*12,048	...	...	* Excludes 91 Lascars for 8 months at 6 and 7. 45 at 7 = 315 46 at 6 = 376 — 91 591 × 8 = 4,728 to be provided for from Temporary Establishment.
		Special Revenue Investigation by Mr. Wilson.						
		Office Establishment required for the preparation of Irrigation accounts.	...	...	† 13,000	...	13,000	† Office Note from the Secretary to Government, Public Works Department, Irrigation Branch, No. 300, dated 13th December 1882.
		Total, Irrigation Establishment.	...	...	...	1,43,596	1,35,947	
		Temporary Establishment.	...	...	1,00,000	...	25,000	
		Local Allowances.						
		Upper Godávari allowance.	...	15	180			
		Wynaad allowance ...	...	...	1,200			
		Potingy Ghât allowance ...	...	..	7,000			
		Presidency house-rent ...	...	800	9,600			
		Do. allowance ...	...	800	9,600			
		Total, Local Allowances ...	...	..	27,580	...	24,800	
		Travelling Allowances.	...	...	...	2,06,000	2,00,000	
		Carried over ...						

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		Brought forward ...	Rs.	Rs.	Rs.	Rs.	Rs.	
		EXECUTIVE BRANCH —*cont.*						
		Temporary Establishment—*cont.*						
		Contingencies inclusive of Postage.						
		Public Works Secretariat ... ... Rs. 500						
		Office of Chief Engineer for Irrigation. 150						
		7 Superintending Engineers' Offices.						
		26 Divisional Offices.	...	4,150	49,800	49,800	48,600	
		33 Offices at Rs. 100 per mensem .. 3,300						
		Four Project Divisions at Rs. 50 per mensem ... 200						
		Abstract of the foregoing.						
		Engineer Establishment ...	...	...	8,19,510	...	7,49,178	
		Upper Subordinate do. ...	...	...	4,00,140	...	3,65,256	
		Lower do. do. ...	...	...	6,240	...	2,880	
		Petty Establishment ...	...	...	63,654	...	46,668	
		Office do. ...	...	...	2,96,706	...	2,66,148	
		Irrigation do. ...	...	...	1,43,596	...	1,35,947	
		Temporary do. ...	...	...	1,00,000	...	25,000	
		Local allowances ...	...	...	27,580	...	24,800	
		Total, Salaries ...	...	...	18,57,426	18,57,426	16,15,877	
		Travelling allowances ...	...	...	...	2,06,000	2,00,000	
		Contingencies	...	...	...	49,800	48,600	
		Grand Total, Executive Branch.	...	...	...	21,13,226	18,64,477	
		ACCOUNTS BRANCH.						
		Examiner's Establishment.						
1	1	Examiner, 3rd Class ...	1,100	1,100				
2	2	Deputy Examiners ...	450 & 550	1,000				
1	1	Assistant Examiner, 2nd Grade.	250	250				
4	4	Total, Examiner's Establishment.	...	2,350	28,200		29,400	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		ACCOUNTS BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		EXAMINER'S ESTABLISHMENT—*cont.*						
		Accountants.						
2	2	Accountants, 1st Grade ..	400	800				* Excluding one Accountant, 2nd Grade, attached to the Public Works Department Secretariat.
3	*3	Do. 2nd „ ...	295	885				
6	6	Do. 3rd „ ...	200	1,200				
17	17	Do. 4th „ ...	115	1,955				
30	30	Do. 5th „ ...	57½	1,725				
58	58	Total, Accountants ...	...	6,565	78,780	...	78,780	
		OFFICE ESTABLISHMENT INCLUDING THAT SANCTIONED FOR CAPITAL AND REVENUE ACCOUNTS AND CODE WORKS.						
		Clerks.						
1	1	Clerk, 2nd Class, 2nd Grade.	140	140				
1	1	Do. 3rd „ 1st „	90	90				
3	4	Do. 3rd „ 2nd „	70	280				
5	7	Do. 3rd „ 3rd „	55	385				
6	6	Do. 4th „ 1st „	45	270				
6	10	Do. 4th „ 2nd „	35	350				
11	16	Do. 4th „ 3rd „	25	400				
3	9	Do. 5th „ 1st „	17½	157½				
36	54	Total, Clerks ...	...	2,072½				
		Menial Servants.						
1	1	Moochi	10	10				
1	1	Do.	8	8				
...	1	Attender	5	5				
1	1	Head Messenger	10	10				
1	1	Do.	8	8				
4	4	Messengers	7	28				
6	6	Do.	6	36				
2	2	Rollers	5	10				
16	17	Total, Menial Servants ...	...	115				
52	71	Total, Office Establishment.	...	2,187½	26,250	...	19,590	
		Temporary Establishment ...	...	...	...	...	9,600	

GOVERNMENT OF MADRAS.

PART III—continued.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENT, &c.—continued.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
		ACCOUNTS BRANCH —*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.	
		Local and Charge Allowances.						
		Presidency house-rent ...	...	500				
		Do. allowance ...	...	1,200				
		Charge allowance for 20 5th-Grade Accountants.	...	400				
		Total, Local and Charge Allowances.	...	2,100	25,200	...	25,200	
		Total Salaries	...	...	1,58,430	1,58,430	1,62,570	
		Travelling allowances ...	...	300	3,600	3,600	3,600	
		Contingencies	...	400	4,800	4,800	4,800	
		Grand Total ...	...	...	...	1,66,830	1,70,970	
		Deduct contributions for two Accountants as follows:—						
		Madras Harbour Works ... 1						
		Dowlaishweram Workshops ... 1						
		Total ... 2	...	...	...	4,044	5,160	
		Net Total, Accounts Branch.	...	...	...	1,62,786	1,65,810	
		Abstract.						
		Executive Branch	...	...	...	21,13,226	18,64,477	
		Accounts do.	...	...	...	1,62,786	1,65,810	
		Total, Public Works Department Establishment.	...	...	...	22,76,012	20,30,287	

GOVERNMENT OF MADRAS.

PART III—continued.

ABSTRACT OF THE FOREGOING PROVISION FOR ESTABLISHMENTS.

Number. 1882-83.	Number. 1883-84.	Particulars of Charges.	Salary of Office.	Estimate for 1883-84. Per Mensem.	Per Annum.	Total.	Estimate for 1882-83.	Remarks.
			Rs.	Rs.	Rs.	Rs.	Rs.	
		ABSTRACT.						
		Executive Branch ...	...	...	...	21,23,226	18,64,477	
		Accounts Branch ...	...	...	...	1,62,786	1,76,130	
		Total, Public Works Establishment.	...	...	...	22,76,012	20,40,607	
		Probable Savings	...	...				
		Deduct Contributions.						
		From Capital Productive Public Works.	...	...	2,50,621			
		Productive Public Works, Revenue Account.	...	...	5,31,835			
		Irrigation and Navigation and Agricultural Works.	...	...	2,72,212			
		Imperial Military Works.	...	...	1,15,761			
		Imperial Other Services ...	...	...	46,094			
		Incorporated Local Funds.	...	...	8,190			
		Excluded Funds	...	...	7,165			
		Irrigation and Navigation under Provincial.	...	...	75,177			
		Government of India Contribution from the General Grant for Protective Public Works.	...	...	1,23,500			
		For Work done by Lithographic Branch of the Public Works Secretariat.	...	...	6,000	14,36,555	12,80,941	
		Balance from Provincial ...	...	...	...	8,39,457	7,59,666	

GOVERNMENT OF MADRAS.

APPENDIX A.

DISTRIBUTION OF THE GRANTS FOR 1882-83 UNDER PROVINCIAL SERVICES ARRANGED BY DEPARTMENTS AND OBJECTS OF WORKS.

—	Major Original Works.	Minor Works.	Repairs.	Total.	Establishment.	Tools and Plant.	Stock and Suspense.	Total, 1883-84.	Estimate, 1882-83.
CIVIL BUILDINGS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Provincial Services—(Imperial).									
Administration	2,52,810								
Minor Departments ...	6,615								
Law and Justice... ...	1,69,345								
Ecclesiastical	...								
Provincial Services—(Provincial).		95,983	1,26,000	11,95,860					
Jails	1,71,813								
Police	18,590								
Educational	...								
Medical	51,740								
Miscellaneous	1,15,835								
Total, Civil Buildings ...	7,86,748	95,983	1,26,000	11,95,860					
COMMUNICATIONS.									
Metalled and bridged roads	1,14,630	...	37,000	1,51,630					
Navigable Canals ...	...	...							
Total, Communications.	1,14,630	...	37,000	1,51,630					
MISCELLANEOUS PUBLIC IMPROVEMENTS.									
Harbours and Navigation	55,400	...	3,000	58,400					
Total ...	9,56,778	95,983	1,66,000	12,18,761	8,39,457	64,282	27,500	21,50,000	22,11,216

GOVERNMENT

APPEN

ESTIMATED ACCOUNT OF RECEIPTS AND CHARGES OF THE BUILDINGS AND ROADS

Accounts.	Budget Estimate.	Regular Estimate.
	Rs.	Rs.
To Balance	25,000	21,187
Cheques of Public Works Department Officers	59,80,942	61,80,976
Provincial Service Receipts	2,00,000	1,53,000
Local Fund Receipts	...	5,000
Subscription to Service Fund	10,832	9,306
Do. to General Family Pension Fund	368	1,363
Do. to Hindu Annuity Fund	...	...
Gain by Exchange	47,623	29,242
Guaranteed Railways	...	...
Payment for Land for Public Works	1,05,932	61,639
Supplies from Forest Department	8,856	5,302
Transfers, Miscellaneous	6,26,084	3,61,156
Central Adjusting Account	22,114	11,153
Telegraph Department	215	215
Transfers of the Public Works Department	17,12,395	16,96,748
London Account Stores	2,10,387	1,16,829
London Account Miscellaneous	13,096	19,020
Imperial Revenue Receipts, Military	30,000	30,000
Do. do. Other Services	...	...
Deposits, Ordinary	4,51,786	3,09,628
Deposits, Contributions	15,940	11,440
Tuccavee Advances	...	...
Barrack Supplies	...	...
Famine Relief Works	...	...
Total ...	94,61,570	90,23,204

OF MADRAS.

DIX D.

BRANCH, PUBLIC WORKS DEPARTMENT, MADRAS, FOR THE YEARS 1882-83 AND 1883-84.

Accounts.	Budget Estimate.	Regular Estimate.
	Rs.	Rs.
By Payments into Treasuries by Officers of the Public Works Department	5,71,267	5,60,014
Provincial Service Expenditure	23,00,000	21,43,508
Local Fund Expenditure	64,682	1,30,932
Expenditure against Local Loans	...	...
Guaranteed Railways	...	...
Famine Relief	...	...
Supplies to Forest Department	...	...
Other Public Works Revenue realized in the Civil Department	16,702	14,417
Miscellaneous Receipts of Public Works realized in the Civil Department ...	9,412	6,210
Contributions in aid of Public Works	6,786	6,230
Transfers, Miscellaneous	4,50,200	2,34,976
Central Adjusting Account	59,983	43,325
Telegraph Department	114	114
Transfers of Public Works Department	40,64,786	39,39,085
Net Expenditure against Imperial Budget Grant for Military Works ...	6,20,000	6,90,000
For Other Services	2,49,500	3,16,701
Madras Harbour Works	5,67,000	5,67,000
Deposits, Ordinary	4,43,959	3,27,591
Deposits, Contributions	14,179	18,101
Tuccavee Advances	...	...
Barrack Supplies	...	...
Famine Relief Works	...	...
Balance ...	23,000	25,000
Total ..	94,61,570	90,23,204

GOVERNMENT OF MADRAS.

APPENDIX E.

STATEMENT SHOWING THE APPROXIMATE PERCENTAGE WHICH THE CHARGES FOR ESTABLISHMENT BEAR TO THE EXPENDITURE ON WORKS.

MADRAS PUBLIC WORKS 1881-82.

Service.	Class.	New Works.	Repairs.	Total Outlay.	Establishment.	Percentage on Outlay.	Remarks.
		Rs.	Rs.	Rs.	Rs.		
Imperial ...	Military	1,15,574	2,69,097	3,84,671	96,161		
	Civil Buildings ...	1,92,037	4,002	1,96,040	64,311		The excess of nearly two per cent. may be said to be due to the inclusion of special charges on account of recoveries of advances made in England.
	Miscellaneous Public Improvements.	545	1,669	2,214			
	Barrack	...	...	...	...		
	Total ...	...	..	5,82,925	1,60,472	27·52	
Provincial ...	Civil Buildings ...	3,90,175	1,16,701	5,06,876	...		
	Communications ...	82,970	26,038	1,09,008	...		The excess under this head is chiefly due to a large debit to Provincial in Relief of Local Funds, erroneously charged in a previous year on account of the Kortalayár bridge. The adjustment was effected in accordance with the instructions contained in G.O., No. 1681 W., dated 4th July 1882.
	Miscellaneous Public Improvements.	1,150	5,183	6,333	...		
	Total ...	...	...	6,22,217	7,05,784	113·43	
Incorporated Local Funds.	Civil Buildings ...	4,716	1,501	6,217	...		
	Communications ...	70,646	1,37,092	2,07,738	...		
	Miscellaneous Public Improvements.	13	5,449	5,462	...		
	Total ...	...	...	2,19,417	23,628	10·76	Less than the prescribed percentage.
Imperial Irrigation, Navigation and Agricultural Works.	.....	3,39,314	8,39,184	11,78,498	3,37,959	28·65	
Provincial Irrigation and Navigation Works.	.....	1,05,463	81,503	1,86,966	51,405	27·49	
Imperial Productive Public Works.	.....	3,39,887	3,81,040	7,20,927	3,03,307	42·07	

GOVERNMENT OF MADRAS.

APPENDIX E—continued.

STATEMENT SHOWING THE APPROXIMATE PERCENTAGE WHICH THE CHARGES FOR ESTABLISHMENT BEAR TO THE EXPENDITURE ON WORKS—*continued.*

MADRAS PUBLIC WORKS 1882-83.

Service.	Class.	New Works.	Repairs.	Total Outlay.	Establishment.	Percentage on Outlay.	Remarks.
		Rs.	Rs.	Rs.	Rs.		
Imperial ...	Military	2,94,397	2,73,067	5,67,464	1,15,126		
	Civil Buildings ...	2,43,476	11,400	2,54,876	58,040		
	Miscellaneous Public Improvements.	...	...	...			
	Barrack	...	...	...	...		
	Total ...	...	...	8,22,340	1,73,166	21·05	Less than the prescribed percentage.
Provincial ...	Civil Buildings ...	9,15,878	1,30,090	10,45,968	...		
	Communications ...	1,49,086	43,873	1,92,959	...		Less than previous year. The grant for Establishment under Provincial bears no fixed proportion to that for Works and is dependent on the amounts contributed from other funds.
	Miscellaneous Public Improvements.	85,059	8,000	93,059	...		
	Total ...	...	...	13,31,986	7,72,583	58·00	
Incorporated Local Funds.	Civil Buildings ...	...	...	...	...		
	Communications ...	36,593	23,961	60,554	...		
	Miscellaneous Public Improvements.	...	...	...	...		
	Total ...	...	...	60,554	12,155	20·07	Less than the prescribed percentage.
Imperial Irrigation, Navigation and Agricultural Works, Ordinary.	.....	5,74,844	12,00,630	17,75,474	3,62,631	20·42	
Provincial Irrigation and Navigation Works.	.....	1,98,072	2,79,500	2,77,652	75,026	27·02	
Imperial Productive Public Works.	.....	8,47,765	4,96,678	13,44,443	6,90,629	51·37	

GOVERNMENT OF MADRAS.

APPENDIX E—continued.

STATEMENT SHOWING THE APPROXIMATE PERCENTAGE WHICH THE CHARGES FOR ESTABLISHMENT BEAR TO THE EXPENDITURE ON WORKS—*continued*.

MADRAS PUBLIC WORKS, 1883-84.

Service.	Class.	New Works.	Repairs.	Total Outlay.	Establishment.	Percentage on Outlay.	Remarks.
		Rs.	Rs.	Rs.	Rs.		
Imperial ...	Military	2,22,992	2,75,000	4,97,992	1,14,538		
	Civil Buildings ...	1,92,400	8,000	2,00,400	46,094		
	Miscellaneous Public Improvements.	...	...	...			
	Barrack	...	...	...	...		
	Total ...	...	...	6,98,392	1,60,632	23·00	Less than the prescribed percentage.
Provincial ...	Civil Buildings ...	10,69,860	1,26,000	11,95,860	...		Less than previous years. The grant for Establishment under Provincial bears no fixed proportion to that for Works and is dependent on the amounts contributed from other Funds.
	Communications ...	1,14,630	37,000	1,51,630	...		
	Miscellaneous Public Improvements.	55,400	3,000	58,400	...		
	Total ...	...	...	14,05,890	8,02,403	55·17	
Incorporated Local Funds.	Civil Buildings ...	...	...	...	...		
	Communications ...	20,000	...	20,000	...		
	Miscellaneous Public Improvements.	...	...	...	...		
	Total ...	...	...	20,000	4,600	23·00	Less than the prescribed percentage.
Imperial Irrigation, Navigation and Agricultural Works.	.....	4,39,060	10,99,500	15,38,560	2,72,212	17·69	
Provincial Irrigation and Navigation Works.	.....	3,53,996	77,410	4,31,406	1,12,123	26·99	
Imperial Productive Public Works.	.....	12,90,313	5,22,000	18,12,313	7,82,456	43·28	

Remarks in regard to the percentages of Establishment charges on the expenditure in connection with Irrigation Works, being an extract from the Note which accompanied the Irrigation Budget Estimates for 1883-84.

25. The statement marked D, which has been prepared with reference to the Government of India letter No. 381 A.G., dated 30th November 1882, communicated with G.O., No. 3324, W., dated 15th December 1882, shows the following rates of percentage which the charges for establishment bear to the expenditure on works and repairs :—

—	Actuals for 1881-82.	Regular Estimate for 1882-83.	Budget Estimate for 1883-84.
Imperial.			
Productive Public Works	38·84	51·37	43·17
Irrigation and Navigation, Agricultural Works	28·68	20·42	17·69
Provincial.			
Irrigation and Navigation Works	27·49	27·02	26·99

The establishment charges are not based on the cost of establishment actually employed on the works, but on fixed rates of percentage calculated on outlay and revenue up to the end of 1881-82; the rate of percentage on expenditure was 25, and in the case of Productive Public Works, Capital Account, the charge was calculated on the actual expenditure on works, exclusive of land compensation, and in the case of other works on the grant or outlay, whichever was greater. The cost of the following establishments was also charged to Irrigation :—

(1) Chief Engineer for Irrigation and his Establishment.
(2) Temporary Survey Establishment.
(3) Water Regulation, Navigation and River Conservancy Establishment.
(4) Special Revenue Investigation Establishment.

From the 1st April last the rate of percentage on outlay has been reduced from 25 to 23, and the following rates of percentages on revenue have been fixed in lieu of the cost of the special establishments :—

10 per cent. on revenue collected in the Public Works Department.
6 per cent. on revenue collected in the Revenue Department from the Productive Public Works.

The percentage charge is not calculated on outlay for repairs to Minor Irrigation Works under the charge of Collectors, and therefore the average rate of establishment charges for 1882-83 and 1883-84 for Irrigation and Navigation and Agricultural Works is less than 23 per cent. The cost of establishment actually employed in the Project Divisions for the investigation of projects is charged to "Protective Public Works," and the charge cannot be compared with *works* outlay, as the projects are still under investigation.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Account.

No. 223.

Read—the following papers:—

From the Suptg. Engr., First Circle, dated 19th October 1882, No. 349 G.I.
" " Second " " 22nd September " " 248 "
" " Third " " 4th October " " ——.
" " Fourth " " 28th September " " 410.
" " " " 20th October " " 445.
" " Fifth " " 2nd " " " ——.
" " Sixth " (Tinnevelly District) dated 29th Sept. 1882, No. ——.
" " " " (Tanjore ") " 30th " " " ——.
" " " " (Trichinopoly ") " 29th " " " ——.
" " " " (Madura ") " 17th Oct. " " ——.
" " " " dated 26th October 1882, No. 399 M.D.
" Private Secretary to the Governor, dated 18th September 1882, No. 264.
" Financial Department, dated 27th September 1882, No. 1305.
" Judicial " " 14th November " " 1830.
" Financial " " 23rd December " " 2040, Mis.
" " " " 11th " " " 1921.
" Judicial " " 21st " " " 2202.
" President, Madras Municipal Commission, dated 8th September 1882, No. 652.
" Financial Department, dated 23rd December 1882, No. 2024.
Telegram from Suptg. Engr., First Circle, dated 23rd December 1882, No. ——.
Letter from " Sixth " " 27th " " " 684 T.N.
" " " " 27th " " " 1737 T.J.
Telegram from " Fourth " " 23rd " " " ——.
Office Note from Examiner, Public Works Accounts, dated 20th December 1882, No. 807.
" " " " " 21st " " " 811.
" " Chief Engineer for Irrigation, dated 10th January 1883, No. 9.
Proceedings, Financial Department, dated 22nd January 1883, No. 131.

No. 224.

Order—dated 23rd January 1883, No. 261 W., Public Works.

In Orders in the Financial Department, No. 2040 (Miscellaneous), of the 23rd December 1882, the Accountant-General was instructed to adopt the figures given below as the Public Works Provincial Grant for 1883-84, and the Public Works Budget was originally framed for the sum thus assigned, viz.:—

	Rs.
1. For Public Works under Provincial	23,00,000
2. For Irrigation and Navigation under Provincial	5,50,000
Total ...	28,50,000

These grants have, however, now been reduced as follows :—

	Rs.
1. Ordinary Public Works	21,50,000
2. Irrigation and Navigation	3,50,000
Total ...	25,00,000

2. The following distribution is made of the grant for Public Works. The grant for Irrigation and Navigation Works will appear as usual in the Irrigation Budget :—

Original Works.

	Rs.	Rs.
Civil Buildings	7,86,748	
Communications	1,14,630	
Miscellaneous Public Improvements	55,400	
Reserve at the disposal of Government including Minor Works	95,983	
		10,52,761

Repairs.

Civil Buildings	1,26,000	
Communications	37,000	
Miscellaneous Public Improvements	3,000	
		1,66,000
Establishment		8,39,457
Tools and Plant		64,282
Stock and Suspense		27,500
Total ...		21,50,000

3. The following works have not as yet been provided with duly sanctioned estimates. The special and early attention of the Superintending Engineers concerned is called to the matter. Meanwhile expenditure must be deferred on the works in question :—

Item No. 23. Deputy Tahsildar's Cutcherry at Kodaikánal.
" " 2. Town Sub-Magistrate's Cutcherry at Negapatam.
" " 36. New Court House at Calicut.
" " 43. District Jail, Kurnool.
" " 51. Out-patients' Dispensary and Mortuary at the General Hospital.
" " 69. Road from Ootacamund to Naduvatam.

4. A provision of Rs. 50,000 is made for the road from Ootacamund to Naduvatam, and the money will be formally placed at the disposal of the Local Fund Board on a definite decision being arrived at as to whether the agency of that body is to be employed in the execution of the work.

5. Works are divided into two classes, A and B. For the former specific grants are made, and the works can be put in hand if the estimates are sanctioned. No expenditure can be incurred on Class B Works, unless specific appropriations are hereafter made.

6. Early application should be submitted for the funds to meet sanctioned charges under temporary establishment. Funds required for incomplete and minor works should also be applied for by the date * laid down in Circular No. 126, dated 13th January 1883.

* 15th May.

7. With these remarks the Preliminary Issue of the Provincial Budget Estimate for 1883-84 is circulated for the information and guidance of the officers of the

department, and four copies are forwarded for the information of the Government of India.

(Here enter No. 262 W., dated 23rd January 1883.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Financial Department.
" Judicial do.
" Revenue do.
" Board of Revenue.
" Accountant-General.
" Inspector-General of Jails.
" do. of Police.
" Consulting Architect to Government.
" Chief Engineer for Irrigation.
" General Superintendent, Public Works Stores and Workshops.

Endorsement—dated 23rd January 1883, No. 262 W., Public Works.

Copy of the above forwarded to the Government of India.

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. C. Howarth.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated January, 23rd.

Read. *Encl.*

G.O., 23rd Jan. 1883, No. 262 W.

JANUARY.
Nos. 223—225.

Provincial Budget Estimate for 1883-84.

PASSING orders on the Preliminary Issue of the —.

Judicial Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

READ the following

Letter from the Inspector General of Police, Madras, dated 8th August 1883 No 4086.

I have the honor to forward for sanction the accompanying estimate amounting to Rs. 700 for the erection by Departmental arrangement of a Police hut at Pykara in the Nilgiris in 1883-84.

2. A sum of Rs. 700 is provided for the work in the Police Budget Kutting and Building Estimate for this year approved in G.O. No. 1921 of 11th December 1882 J.D. and the work has been already commenced by departmental arrangement in anticipation of sanction owing to the urgency of the requirement

3. Adverting to G.O. No 1750 dated 21st November 1882 J.D. it would appear that

that works of Petty Construction and Repair in the Nilgiri and Presidency Divisions must be executed by the Public Works Department but the Superintendent of Police, Coimbatore having commenced the above building under the impression that the restriction imposed by the above G.O. referred to the Revenue Department only. Beg that special sanction may be given for the execution of this work by departmental arrangement, thereby avoiding further delay and expense in the completion of the work.

Order thereon 15 August 1883 No 215 Gnl

Sanctioned.

/ True Extract /

M Bannister
Ag Asst Secretary

To The Public Works Department

J.D.