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MADRAS RECORD OFFICE

Government of Madras

Revenue DEPARTMENT

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Not to be folded or roughly handled

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET ESTIMATE

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1872-73.

CONTENTS.

Budget Estimate.	Page.
Part I.—Abstract of Estimated charges	3 to 5
,, II.—Detail of Estimate for Original Works	6 to 9
,, III.— ,, ,, Repairs	10 to 14
,, IV.— ,, ,, Establishments	15 to 22
,, V.— ,, ,, Expenditure on Tools and Plant	23
,, VI.— ,, ,, State Expenditure on account of the Madras Irrigation and Canal Company	24 to 25
,, VI.— ,, ,, Do. on Railways	26 to 27
Appendix A, Distribution of Establishments	30
,, B, Estimate of Public Works Revenue and Receipts	31
,, C, Estimate of Receipts and Expenditure on account of Guaranteed Enterprize	32 to 35
,, D, Abstract of the Charges for Establishment and Tools and Plant for Extraordinary Irrigation Works	36
List of Conservancy Establishments	37 to 45
Detail of Estimate for London Supplies	46

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GOVERNMENT OF MADRAS.

IMPERIAL BUDGET ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1872-73.

Part I.—Section A.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1st APRIL 1872 TO 31st MARCH 1873, INCLUDING ORDINARY AND EXTRAORDINARY EXPENDITURE.

	Reference to detailed Estimate.	Estimate, 1872-73.	Estimate, 1871-72.	Total. 1872-73.	Total. 1871-72.
	Page.	Rs.	Rs.	Rs.	Rs.
Original Works.					
Military	7	1,80,000	2,20,000		
Civil Buildings	7	65,500	1,36,000		
Agricultural ... {Ordinary ... ...}	9	2,50,200	2,94,200		
{Extraordinary ... ...}		8,77,000	15,75,000		
				13,72,700	22,25,200
Repairs.					
Military	12	2,20,000	2,20,000		
Civil Buildings	13	4,500	4,000		
Agricultural	14	12,00,000	12,00,000		
				14,24,500	14,24,000
Establishment.					
Ordinary	22	6,78,800	8,40,000		
Extraordinary	22	2,01,800	2,00,000		
				8,80,600	10,40,000
Tools and Plant.					
Ordinary	23	35,000	70,000		
Extraordinary	23	21,200	20,000		
				56,200	90,000
State Outlay on Irrigation Works.					
Madras Irrigation and Canal Company	24	16,000	55,800		
				16,000	55,800
State Outlay on Railways.					
Guaranteed Railways	26	3,40,100	2,45,300	3,40,100	2,45,300
State Railways	...	...	...	...	...
			Grand Total...	40,90,100	50,80,300

ARSTRACT.

Estimate of Ordinary Expenditure as per Part I., Section B. ...	29,90,100	32,85,300
Do. of Extraordinary Expenditure as per Part I., Section C....	11,00,000	17,95,000
Total...	40,90,100	50,80,300
Decrease...	9,90,200	

GOVERNMENT OF MADRAS.

IMPERIAL BUDGET ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1872-73.

Part I.—Section B.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1st APRIL 1872 TO 31st MARCH 1873, SHOWING ORDINARY CHARGES ONLY.

——	Reference to detailed Estimate.	Estimate, 1872-73.	Estimate, 1871-72.	Total. 1872-73.	Total. 1871-72.
	Page.	Rs.	Rs.	Rs	Rs.
PUBLIC WORKS.					
Military.					
Original Works	7	1,80,000	2,20,000		
Repairs	12	2,20,000	2,20,000	4,00,000	4,40,000
Agricultural.					
Original Works	9	2,50,200	2,94,200		
Repairs	14	12,00,000	12,00,000	14,50,200	14,94,200
Other Services.					
Civil Buildings ... Original works	7	65,500	1,36,000		
Civil Buildings ... Repairs	13	4,500	4,000		
Establishment	22	6,78,800	8,40,000		
Tools and Plant	23	35,000	70,000		
				7,83,800	10,50,000
TOTAL PUBLIC WORKS...	...			26,34,000	29,84,200
IRRIGATION WORKS.					
Outlay on Madras Irrigation and Canal Company's Works	24	16,000	55,800	16,000	55,800
RAILWAYS.					
Outlay on State Railways	...	...	...	...	...
Do. Guaranteed Railways	26	3,40,100	2,45,300	3,40,100	2,45,300
TOTAL AMOUNT OF ESTIMATE FOR ORDINARY EXPENDITURE...				29,90,100	32,85,300
NET DECREASE IN 1872-73...				2,95,200	

GOVERNMENT OF MADRAS.

IMPERIAL BUDGET ESTIMATE OF THE PUBLIC WORKS DEPARTMENT FOR 1872-73.

Part I.—Section C.

ABSTRACT OF THE ESTIMATED CHARGES FOR PUBLIC WORKS FOR THE YEAR FROM 1st APRIL 1872 TO 31st MARCH 1873, SHOWING EXTRA ORDINARY CHARGES ONLY.

——	Reference to detailed Estimate.	Estimate, 1872-73.	Estimate, 1871-72.	Total. 1872-73.	Total. 1871-72.
	Page.	Rs.	Rs.	Rs.	Rs.
IRRIGATION WORKS.					
Original works	9	8,77,000	15,75,000		
Establishment	22	2,01,800	2,00,000		
Tools and Plant	23	21,200	20,000		
		11,00,000	17,95,000	11,00,000	17,95,000
PORT TRUST WORKS.					
Original works	...	...	...	...	...
STATE RAILWAYS.					
TOTAL AMOUNT OF ESTIMATE FOR EXTRAORDINARY WORKS...				11,00,000	17,95,000
DECREASE...				6,95,000	

CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AS DETAILED WITHIN.

——	1872-73. Original works.	Repairs.	Establishment.	Tools and Plant.	Railways.	Madras Irrigation and Canal Company.	Total.	1871-72.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial Funds as per Part I.	13,72,700	14,24,500	8,80,600	56,200	3,40,100	16,000	40,90,100	50,80,300
	13,72,700	14,24,500	8,80,600	56,200	3,40,100	16,000	40,90,100	50,80,300

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1872.	Estimate, 1872-73.	No.	Remarks or References.
			Military.	Rs.	Rs.	Rs.		
Vizagapatam	1	Vizagapatam ...	Constructing a new Native Infantry Hospital	.....	.....	15,830	1	Estimate awaited.
Chingleput	2	St. Thomas' Mount ...	Barracks, etc., for two Field Batteries in the Horse Artillery Lines	2,05,010	1,60,000	2,000	2	Government of India Register No. 57-M. of 1868-69. G. O., No. 3,399 of 1868. Item No. 8 of Budget of 1871-72. Supplemental Estimate under consideration.
Do.	3	Do.	New verandahs to the North and South Barracks ...	6,260	.....	6,260	3	G. O., No. 1,45[illegible] of 1871.
Do.	4	Poonamallee	Improvements to Barracks, Hospital, and other auxiliary buildings	10,880	.....	4,600	4	G. O., No. 1,470 of 1871.
Bangalore	5	Bangalore	Drinking water scheme from the Ulsoor Tank and Dhobies' wells	.....	2,22,902	50,000	5	Revised estimate under consideration. Item No. 10 of Budget of 1871-72.
Do.	6	Do.	Converting the old Foot Artillery Barracks into quarters for Medical Subordinates	4,600	.....	4,650	6	G. O., No. 2,633 of 1871.
Do.	7	Do.	New privies for the Royal Horse Artillery	4,540	.....	4,540	7	
Do.	8	Do.	Altering and improving the present privies Artillery and Cavalry Barracks	6,120	.....	6,120	8	G. O., No. 143 of 1872.
Do.	9	Do.	Do. do., east end European Infantry Barracks ...	3,940	.....	3,940	9	
Do.	10	Do.	Do. do., west end European Infantry Barracks ...	3,730	.....	3,730	10	
Do.	11	Do.	Improving the present privy for Royal Artillery ...	1,040	.....	1,040	11	
Do.	12	Do.	Renewal of the Bakery	.....	.....	18,000	12	Estimate awaited.
Trichinopoly ...	13	Trichinopoly ...	New privy for the men of Detachment of British Infantry.	3,380	.....	3,380	13	G. O., No. 31 of 1871.
Neilgherries ...	14	Wellington	Substituting wooden flooring for the present asphalte flooring of the four blocks of the lower story of the married quarters	25,409	.....	15,910	14	G. O., No. 94 of 1871.
.....	15	.....	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each	.....	.....	40,000	15	
			Total, Military...	.....	.....	1,80,000		
			Civil Buildings.					
Godavery	16	Cocanada	Post Office	2,960	.....	2,500	16	G. O., No. 3,319 of 1865.
Presidency	17	Madras	Telegraph Office	.....	.....	50,000	17	Estimate awaited. Item No. 22 of Budget of 1871-72.
	18	.....	Grant for Minor Works (Postal buildings), the estimated cost of which does not exceed Rupees 2,500 each ...	.....	.. ...	10,000	18	
	19	.....	Do. do. (Telegraph buildings) do. do.	.....	.....	3,000	19	
			Total, Civil Buildings...	.....	.....	65,500		
			Agricultural.					
			Extraordinary.					
Ganjam	20	.....	Rooshkoolia Project	.....	.....	25,000	20	Estimate awaited. Item No. 24 of Budget of 1871-72.
Godavery	21	Western Delta ...	Extension of Irrigation	13,04,640	2,50,000	2,00,000	21	Sanctioned by the Government of India, Register No. 49-I of 1871-72. G. O., No. 2,925 of 1871. Item No. 25 of Budget of 1871-72.
Do.	22	Eastern Delta ...	Do. do.	10,80,800	2,36,000	1,00,000	22	Sanctioned by the Government of India, Register No. 21-I. of 1871-72. G. O., No. 1,523 of 1871. Item No. 26 of Budget of 1871-72.
Kistna	23	Poollairoo	Enlargement, extension, and improvement of the channels in the Masulipatam Section of the Kistna Delta ...	1,83,100	1,63,100	20,000	23	Sanctioned by the Government of India, Register No. 7-A. I. of 1868-69. G. O., No. 3,215 of 1868 and No. 80 of 1870. Item No. 27 of Budget of 1871-72.
Do.	24	Bezwada	Widening the head of the Masulipatam Canal for 1,000 yards from the anicut to the head of the Ellore Branch.	1,13,530	46,824	25,000	24	Sanctioned by the Government of India, Register No. 10-I. of 1871-72. G. O., No. 1,389 of 1871. Item No. 28 of Budget of 1871-72.
Do.	25	Seetanagaram ...	Sloping down the banks of the Main Canal from the southern flank of the anicut and enlarging the head of the Main Canal from Seetanagaram to Doogeralla ...	2,76,400	2,38,948	25,000	25	Sanctioned by the Government of India, Register No. 7-A. I. of 1868-69. G. O., No. 3,215 of 1868. Item No. 29 of Budget of 1871-72.
			Carried over...	.....	.....	3,95,000		

GOVERNMENT OF MADRAS.

Part II.—(Concluded.)

DETAIL OF ESTIMATE FOR ORIGINAL WORKS FOR 1872-73.

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1872.	Estimate, 1872-73.	No.	Remarks or References.
			Agricultural.—(Concluded.)					
			Extraordinary.—(Concluded.)					
			Brought over...	Rs.	Rs.	Rs.		
Kistna	26	Ryves' Cha ...	Enlargement and improvement of Ryves' Channel and its branches and construction of the necessary masonry works	.....	.....	3,95,000		
Do.	27	Commamore Channel.	Extension of the Commamore Channel and construction of the necessary masonry works	4,14,193	1,71,846	30,000	26	Sanctioned by the Government of India, Register No. 7 A-I. of 1868-69. G. O., No. 3,215 of 1868 and No. 80 of 1870. Item No. 30 of Budget of 1871-72.
Nellore	28	Nellore and Survapully	Improvements to the Survapully Channel in connection with the Pennair Anicut	1,95,770	1,75,797	20,000	27	Sanctioned by the Government of India, Register No. 7 A-I. of 1868-69. G. O., No. 3,215 of 1868. Item No. 32 of Budget of 1871-72.
Do.	29	.....	Sungum Project Improvements to the irrigation channels of the Northern Delta of Pennair	4,20,060	3,55,802	65,000	28	Sanctioned by the Government of India, Register No. 7 A-I. of 1868-69. G. O., No. 3,215 of 1868 and Nos. 12 and 972 of 1869. Item No. 33 of Budget of 1871-72.
South Arcot	30	Palandorai	Anicut across the Vellaur or the Palandorai Project ...	25,83,800	.....	50,000	29	Estimates submitted to the Government of India with letter No. 819, dated 18th March 1871.
Tanjore	31	Tanjore, Combaconum, Mayaveram, and Sheally.	Regulating works for the improvement of the river Cauvery	1,98,235	76,000	60,000	30	Sanctioned by the Government of India, Register No. 21-E. of 1869-70. G. O., No. 691 of 1870. Item No. 38 of Budget of 1871-72.
Do.	32	Tanjore, Combaconum, and Nannilam.	Regulators for the principal branches of the Vennaur River	1,37,790	92,933	10,000	31	Sanctioned by the Government of India, Register No. 7 A-I. of 1868-69. G. O., Nos. 3,215 of 1868 and 118 of 1869. Item No. 40 of Budget of 1871-72.
Do.	33	Tanjore	Cauvery and Vennaur head works	1,97,240	1,40,926	56,000	32	Sanctioned by the Government of India, Register Nos. 12-I. and 5-E. of 1870-71. G. O., No. 2,072 of 1870. Item No. 41 of Budget of 1871-72.
Madura	34	.....	Perryaur Project	5,20,260	10,000	50,000	33	Estimate submitted to the Government of India with letter No. 2,117 of 1870. Item No. 42 of Budget of 1871-72.
Tinnevelly	35	Puttugudi	Streevyguntum Anicut Project	.....	.....	50,000	34	Estimate awaited. Item No. 44 of Budget of 1871-72.
			Total, *Extraordinary...*	8,31,600	6,38,894	91,000	35	Sanctioned by the Government of India, Register No. 17-I. of 1868-69. G. O., No. 844 of 1869. Item No. 45 of Budget of 1871-72.
			Ordinary.	.....	.....	8,77,000		
Chingleput	36	Red Hills	Madras Water Supply Project	12,25,558	10,10,727	80,000	36	Original Estimate for Rupees 6,11,759, sanctioned by the Government of India, Register No. 7 A-I. of 1868-69. G. O., No. 3,215 of 1868. Revised Estimate for Rupees 12,25,558, submitted to the Government of India. Further information called for. Item No. 34 of Budget of 1871-72.
Do.	37	Chembrumbaukum ...	Chembrumbaukum Tank Project	4,14,000	2,88,000	50,000	37	Government of India Register No. 8-I. of 1867-68. G. O., No. 3,808 of 1867 and No. 705 of 1871. Item No. 35 of Budget of 1871-72.
	38	.....	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each	.....	.....	1,20,200	38	
			Total, *Ordinary...*	.....	.....	2,50,200		
			Total, Agricultural...	.....	.....	11,27,200		

ABSTRACT OF THE GRANTS PROPOSED FOR ALL ORIGINAL WORKS.

Main Heads.	Total.
	Rs.
Military	1,80,000
Civil Buildings	65,500
Agricultural	11,27,200
Total as per page 5 ...	13,72,700

(Signed) J. [illegible]RPENDALE, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part III.

DETAIL OF ESTIMATE FOR REPAIRS FOR 1872-73.

		Estimate, 1872-73.		Estimate, 1871-72.	
		Amount.	Total.	Amount.	Total.
	Military.	Rs.	Rs.	Rs.	Rs.
Ganjam—					
Berhampore	Minor repairs to buildings	600			
	Cantonment roads	120			
	House-rent to Military Subordinates.	100			
			820		920
Vizagapatam— ...	Minor repairs to buildings	1,000			
	Cantonment roads	1,750			
Vizianagaram	Minor repairs to buildings	1,690			
	Cantonment roads	310			
	House-rent to Military Subordinates.	4,150			
			8,900		10,160
Kistna—					
Masulipatam	Minor repairs to buildings	400			
	House-rent to Military and Medical Subordinates	300			
			700		700
Bellary—	Minor repairs to buildings	17,340			
	House-rent to Military and Medical Subordinates	3,000			
	Cantonment roads	4,660			
			25,000		25,000
Presidency—					
Fort St. George ...	Annual repairs to roads within the Garrison	2,500			
Esplanade	Do. to Esplanade roads.	14,047			
Beach	Do. to road along the east face of the Fortress ...	2,500			
Fort St. George ...	Minor repairs to buildings	16,100			
Do.	Annual repairs to Fortifications ...	8,400			
Perambore, etc. ...	Minor repairs to buildings	4,000			
Esplanade	Do. do.	3,000			
	House-rent to Military and Medical Subordinates	15,000			
	Repairs to Punkah, etc.	600			
			66,147		66,247
Chingleput—					
St. Thomas' Mount ...	Annual repairs to Cantonment roads...	1,720			
Palaveram and Poonamallee.	Do. do.	1,630			
St. Thomas' Mount, Poonamallee, and Palaveram.	Minor repairs to buildings	14,000			
	House-rent to Military and Medical Subordinates	7,000			
			24,350		25,350
	Carried over...	...	1,25,917		1,28,377

GOVERNMENT OF MADRAS.

Part III.—(Continued.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1872-73.—(Continued.)

		Estimate, 1872-73.		Estimate, 1871-72.	
		Amount.	Total.	Amount.	Total.
	Military.—(Continued.)	Rs.	Rs.	Rs.	Rs.
	Brought over...	...	1,25,917	...	1,28,377
North Arcot—					
Vellore	Annual repairs to Cantonment roads...	1,110			
Do. and Raneepett ...	Minor repairs to buildings	2,000			
	House-rent to Military and Medical Subordinates	500			
			3,610		3,610
Salem—					
Madagherry. Tripatore. Jollarpet.	Minor repairs to buildings	2,000			
	House-rent to Military and Medical Subordinates	850			
			2,850		2,850
Bangalore	Minor repairs to buildings and Main Sewer, etc....	27,547			
	Repairs to Cantonment roads and bridges	6,858			
	House-rent to Military and Medical Subordinates	10,000			
			44,405		41,945
Trichinopoly—					
Trichinopoly	Minor repairs to buildings	4,000			
	Cantonment roads	1,188			
	House-rent to Military and Medical Subordinates	4,100			
	Do. do. on account of Hospital Purveyors	330			
			9,618		9,618
Coimbatore—					
Coimbatore	Minor repairs to buildings	400			
			400		400
Neilgherries—					
Neilgherries	Repairs to Lawrence Asylum buildings.	2,000			
	Minor repairs to buildings	5,712			
	House-rent to Military and Medical Subordinates	1,200			
Wellington	Water-courses	216			
	Bazar Water-courses	72			
			9,200		9,200
Malabar—					
Cannanore	Minor repairs to buildings	8,000			
	Cantonment roads	1,000			
Calicut	Minor repairs to buildings	5,000			
	House-rent to Military and Medical Subordinates	6,000			
			20,000		20,000
	Carried over...	...	2,16,000		2,16,000

DETAIL OF ESTIMATE FOR REPAIRS FOR 1872-73.—(Continued.)

			Estimate, 1872-73.		Estimate, 1871-72.	
			Amount.	Total.	Amount.	Total.
		Military.—(Concl[illegible])	Rs.	Rs.	Rs.	Rs.
		Brought over ..	...	2,16,000	...	2,16,000
South Canara—						
Mangalore	Minor repairs to Buildings		1,000			
	House-rent to Military and Medical Subordinates		300			
				1,300		1,300
Tinnevelly—						
Quilon	Cantonment roads		1,200			
	Minor repairs to Buildings		1,176			
	House-rent to Military and Medical Subordinates		324			
				2,700		2,700
		Total, Military...	...	2,20,000	...	2,20,000
		Civil Buildings.				
Ganjam—	Minor repairs to Postal and Telegraph buildings		200			
				200		200
Vizagapata – ...	Do.	do. ...	200			
				200		200
Godavery—	Do.	do. ...	200			
				200		200
Kistna—	Do.	do. ...	200			
				200		200
Nellore—	Do.	do. ...	200			
				200		200
Cuddapah—	Do.	do. ...	200			
				200		200
Kurnool—	Do.	do. ...	200			
				200		200
Bellary—	Do.	do. ...	200			
				200		200
Presidency— ...	Do.	do. ...	200			
				200		200
Chingleput— ...	Do.	do. ...	200			
				200		200
		Carried over...	...	2,000	...	2,000

DETAIL OF ESTIMATE FOR REPAIRS FOR 1872-73.—(Continued.)

			Estimate, 1872-73.		Estimate, 1871-72.	
			Amount.	Total.	Amount.	Total.
		Civil Buildings.—(Concluded.)	Rs.	Rs.	Rs.	Rs.
		Brought over..		2,000		2,000
North Arcot— ...	Minor repairs to Postal and Telegraph buildings		100			
				100		100
South Arcot— ...	Do.	do. ...	...			
				...		100
Salem—	Do.	do. ...	200			
				200		200
Bangalore— ...	Do.	do. ...	500			
				500		100
Tanjore—	Do.	do. ...	200			
				200		200
Trichinopoly— ...	Do.	do. ...	200			
				200		200
Coimbatore— ...	Do.	do. ...	200			
				200		200
Neilgherries— ...	Do.	do. ...	200			
				200		200
Malabar—	Do.	do. ...	200			
				200		200
Wynaad—	Do.	do. ...	200			
				200		...
South Canara— ...	Do.	do. ...	100			
				100		100
Madura—	Do.	do. ...	200			
				200		200
Tinnevelly— ...	Do.	do. ...	200			
				200		200
		Total, Civil Buildings...	...	4,500		4,000
		Agricultural.				
Ganjam—	Repairs to Irrigation Canals, Tanks, Dykes, and Drainages		22,500			
				22,500		22,500
Vizagapatam— ...	Do.	do. ...	8,500			
				8,500		8,500
		Carried over...	...	31,000		31,000

GOVERNMENT OF MADRAS.

Part III.—(Concluded.)

DETAIL OF ESTIMATE FOR REPAIRS FOR 1872-73.—(Concluded.)

	Estimate, 1872-73.		Estimate, 1871-72.	
	Amount.	Total.	Amount.	Total.
Agricultural.—(Concluded.)	Rs.	Rs.	Rs.	Rs.
Brought over...	...	31,000		31,000
Godavery— ... ... Repairs to Irrigation Canals, Tanks, Dykes, and Anicuts	1,55,000	1,55,000		1,55,000
Kistna— ... ... Do. do. ...	75,900	75,900		75,000
Nellore— ... ... Do. do. ...	56,000	56,000		56,000
Cuddapah— ... ... Do. do. ...	70,000	70,000		70,000
Kurnool— ... ... Do. do. ...	20,000	20,000		20,000
Bellary— .. ... Do. do. ...	51,500	51,500		51,500
Presidency— ... Do. do. ...	3,000	3,000		3,000
Chingleput— ... Do. do. ...	95,000	95,000		90,000
North Arcot— ... Do. do. ...	1,10,000	1,10,000		1,10,000
South Arcot— ... Do. do. ...	1,11,500	1,11,500		1,07,500
Salem— ... ... Do. do. ...	35,000	35,000		35,000
Tanjore— ... ... Do. do. ...	1,45,000	1,45,000		1,45,000
Trichinopoly— ... Do. do. ...	71,000	71,000		71,000
Coimbatore— ... Do. do. ...	48,000	48,000		48,000
Malabar— ... ... Do. do. ...	1,100	1,100		1,100
Madura— ... ... Do. do. ...	41,000	41,000		41,000
Tinnevelly—... ... Do. do. ...	80,000	80,000		89,900
Total, Agricultural...	...	12,00,000		12,00,000
Grand Total...	...	14,24,500	...	14,24,000

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part IV.

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1872-73.

Number.		Particulars.	Salary of Office.	Estimate for 1872-73.			Estimate for 1871-72.
1871-72.	1872-73.			Per Mensem.	Per Annum.	Total.	Charges per Annum.
		DIRECTION.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1	Chief Engineer and Secretary to Government	2,500	2,500	30,000		30,000
		Pay Proper of do.	.....	304⅛	3,653		.....
	1	Under Secretary to Government ...	950	950	11,400		.....
		Pay Proper of do.	.....	140	1,680		.....
31	31	Clerks from 10 to 600 Rupees each ...	.....	2,425	29,100		29,100
15	14	Office Servants	.....	108	1,296		1,296
		Presidency house-rent of Under Secretary to Government	.....	45	540		.....
		Contingencies	.....	50	600		600
47	47					78,269	60,996
1	1	Chief Engineer and Joint-Secretary to Government, Irrigation Dept. ...	2,000	2,000	24,000		24,000
		Pay Proper of do.	.....	140	1,680		.....
		Establishment for do.	.....	500	6,000		6,000
		Presidency house-rent of do. ...	.....	60	720		720
		Travelling allowance of do. ...	.....	166⅔	2,000		2,000
1	1					34,400	32,720
						1,12,669	93,716
		Superintending Engineers.					
3	3	Superintending Engineers, 1st Grade.	1,600	4,800			
3	3	Do. 2nd ,, ...	1,350	4,050			
2	2	Do. 3rd ,, ...	1,100	2,200			
				11,050	1,32,600		1,32,600
		Military allowances	.....	.....	11,500		4,000
		Pay Proper	.....	.....	23,000		.....
75	75	Clerks from 20 to 200 Rs. each ...	.....	4,515	54,180		54,180
8	8	Draughtsmen, at 60 Rs. each... ...	.....	480	5,760		5,760
							93,716
		Carried over...	.....	.....	2,27,040	1,12,669	1,96,540

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1872-73.—(Continued.)

Numbers.		Particulars.	Salary of Office.	Estimate for 1872-73.			Estimate for 1871-72.
1871-72.	1872-73.			Per Mensem.	Per Annum.	Total.	Charges per Annum.
		DIRECTION.—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs. 93,716
		Brought over...	.....	.....	2,27,040	1,12,669	1,96,540
80	80	Office Servants	.....	504	6,048		6,048
		Office-rent	.....	.....	1,500		2,800
		Travelling allowance	.....	.....	14,400		14,400
		Batta for Office Establishment ...	.....	.....	3,744		3,744
		Office Contingencies, at 30 Rs. each, for 8 Superintending Engineers ...	.....	240	2,880		2,880
		Official Postage	.....	.....	10,000		22,000
171	171					2,65,612	2,48,412
		Total for Direction...	.....	.....	.....	3,78,281	3,42,128
		CONSTRUCTION.					
6	6	Executive Engineers, 1st Grade ...	950	5,700			
8	8	Do. 2nd ,, ...	800	6,400			
8	8	Do. 3rd ,, ...	650	5,200			
9	9	Do. 4th ,, ...	550	4,950			
				22,250	2,67,000		2,67,000
10	10	Assistant Engineers, 1st Grade ...	450	4,500			
20	20	Do. 2nd ,, ...	350	7,000			
4	4	Do. 3rd ,, ...	250	1,000			
				12,500			
		Military allowances	.....	.....	1,50,000		1,50,000
		Pay Proper	.....	.....	12,000		9,276
1	1	Consulting Architect	1,200	1,200	36,000		9,600
		Presidency house-rent	.....	45	540		14,400 1,260
66	66					4,79,940	4,51,536
		Upper Subordinate Establishment.					
4	4	Sub-Engineers, 1st Grade	400	1,600			
3	3	Do. 2nd ,, ...	300	900			
7	7	Do. 3rd ,, ...	250	1,750			
15	15	Supervisors, 1st Grade	200	3,000			
26	26	Do. 2nd ,, ...	150	3,900			
187	187	Talook Overseers	60	11,220			
242	242			22,370	2,68,440		2,68,440
		Military allowances	.....	.....	30,000		30,000
		Presidency house-rent	.....	70	840		840
1	1	Mechanical Engineer	410	410	4,920		4,920
						3,04,200	3,04,200
		Carried over...	.....	.....	.....	7,84,140	7,55,736

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1872-73.—(Continued.)

Numbers.		Particulars.	Salary of Office.	Estimate for 1872-73.			Estimate for 1871-72.
1871-72.	1872-73.			Per Mensem.	Per Annum.	Total.	Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	.....	.....	7,84,140	7,55,736
		Upper Subordinate Establishment.—(Concluded.)					
		Petty Establishment. Imperial ... 50,000; Local ... 1,21,610; East Coast Canal Range of Chingleput District ... 2,500	.....	.....	1,74,110		1,67,480
		50 per cent. increase for Wynaad Officers	.....	610	7,320		7,320
						1,81,430	1,74,800
		First Class Range Establishment.				9,65,570	9,30,536
1		Accountant	60				
1		Draughtsman and Estimator	40				
1		Assistant Accountant and Writer ...	30				
1		Do. do. do. ...	20				
3		Lascars, at 7 Rupees each	21				
7			171				
For 23 161		For 23 Ranges	.....	3,933	47,196		
		Second Class Range Establishment.					
1		Accountant	50				
1		Draughtsman and Estimator	40				
1		Assistant Accountant and Writer ...	25				
3		Lascars, at 7 Rupees each	21				
6			136				
For 23 138		For 23 Ranges	.....	3,128	37,536		
		Third Class Range Establishment.					
1		Accountant	40				
1		Assistant Accountant and Writer ...	20				
1		Do. do. do. ...	15				
3		Lascars, at 7 Rupees each	21				
6			96				
For 32 192		For 32 Ranges	.....	3,072	36,864		
		Presidency Range Establishment.					
2		Accountants, at 60 Rupees each ...	.....	120			
2		Estimators, at 50 ,, ,, ...	.....	100			
2		Draughtsmen, at 50 and 40 Rs. each...	.....	90			
		Carried over...	.....	310	1,21,596	9,65,570	9,30,536

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1872-73.—(Continued.)

Number. 1871-72.	Number. 1872-73.	Particulars.	Salary of Office.	Estimate for 1872-73. Per Mensem.	Per Annum.	Total.	Estimate for 1871-72. Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	310	1,21,596	9,65,570	9,30,536
		Presidency Range Establishment.—(Concluded.)					
	2	Writers, at 30 and 40 Rs. each ...	.....	70			
	2	Do. at 25 Rupees each ...	.....	50			
	2	Peons, at 6 ,, ,, ...	.....	12			
12				442	5,304		
		East Coast Canal Range Establishment.					
	1	Accountant ... 40					
	1	Writer... ... 35					
	1	Moiety chargeable to the Imperial grant. Draughtsman 40	.....	83½	1,002		
	1	Moochee ... 10					
	1	Peon ... 7					
	5	Lascars, at 7 Rs. each ... 35					
10							
		Bellary Range Establishment.					
	3	Accountants, 20, 30, and 60... ...	.....	110			
	1	Draughtsman	.....	40			
	1	Writer	.....	30			
	3	Lascars, at 7 Rupees each	.....	21			
8				201	2,412		
		Irrigation Range Establishment, Coimbatore.					
	1	Accountant	.....	30			
	1	Draughtsman	.....	40			
2				70	840		
		Bangalore Range Establishment.					
	1	Head Accountant	.....	60			
	1	Writer and Accountant	.....	50			
	1	Assistant Accountant	.....	40			
	1	Draughtsman	.....	50			
	1	Store-keeper	.....	40			
	2	Lascars, at 6 Rupees each	.....	12			
7				252	3,024		
		Neilgherry Range Establishment.					
	1	Head Accountant	.....	70			
	1	Writer and Accountant	.....	50			
	1	Do. do.	.....	45			
	1	Draughtsman	.....	80			
		Carried over...	.....	245	1,34,178	9,65,570	9,30,536

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1872-73.—(Continued.)

Number. 1871-72.	Number. 1872-73.	Particulars.	Salary of Office.	Estimate for 1872-73. Per Mensem.	Per Annum.	Total.	Estimate for 1871-72. Charges per Annum.
		CONSTRUCTION.—(Continued.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	245	1,34,178	9,65,570	9,30,536
		Neilgherry Range Establishment—(Concluded.)					
	1	Store-keeper	.....	35			
	4	Lascars, at 7 Rupees each	.....	28			
	9			308	3,696		
		Wynaad Range Establishment.					
	1	Head Accountant	50				
	1	Assistant do., and Writer	25				
	3	Lascars, at 7 Rupees each	21				
	5	For 2 Ranges	96×	2=192	2,304		
	For 2 10	50 per cent. increase for the Wynaad Range Establishments	.....	123	1,476		
	549						
		Office Establishments of Upper Subordinates.					
	174	Gumastahs, at 15 Rupees each ...	.....	2,610			
	348	Lascars, at 6 Rupees each	.....	2,088			
	522			4,698	56,376	1,98,030	1,99,278
1,077	1,071						
		Temporary Survey, etc., Establishments	.....	.....	50,000		50,000
		Travelling Allowance and Batta to Office Establishment	.....	.....	2,06,884		2,06,884
		Contingencies {Imperial 10,000 / Local 3,650}	.....	.....	13,650		13,650
		Official Postage	.....	.....	12,000		.....
						2,82,534	2,70,534
		Lithographic Department.					
26	26	Draughtsmen and servants from 6 to 250 Rupees each	.....	968	11,616		11,616
		Office Contingencies	.....	50	600		600
		Presidency Store Department.				12,216	12,216
1	1	Moiety of Pay of General Superintendent	330	330	3,960	.....	3,960
							3,960
		Carried over...	.....	.....	3,960	14,58,350	14,12,564

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1872-73.—(Continued.)

Number. 1871-72.	Number. 1872-73.	Particulars.	Salary of Office.	Estimate for 1872-73. Per Mensem.	Per Annum.	Total.	Estimate for 1871-72. Charges per Annum.
		CONSTRUCTION.—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Presidency Store Dept.—(Concld.)					
		Brought over...	.....	.....	3,960	14,58,350	14,12,561
5	5	Store-keepers and Clerks from 25 to 200 Rupees each	.....	395	4,740		3,960 4,740
19	19	Office Servants...	.....	123	1,476		1,476
		Moiety of Presidency house-rent of the Superintendent	.....	22½	270		270
25	25					10,446	10,446
						14,68,796	14,23,010
		Civil Engineering College.					
1	1	Principal	600	600	7,200		
		Military Allowances	.....	.....	3,524		
8	8	Teachers	.....	.....	16,260		
1	1	Instructor in Bricklaying	.....	.....	528		
1	1	Serjeant Major's Staff Pay	.....	.....	960		
2	2	Clerks	.....	.....	840		
1	1	Librarian	.....	.....	180		
		Stipends	.....	.....	3,600		
13	13	Servants	.....	.....	816		
27	27				33,908		
		Pay Proper	140	140	1,680	35,588	33,428
		Contingent Charges.					
		Contingencies including working money of Sappers	.....	.....	4,642		5,122
		Purchase of Instruments	.....	.....	300		300
		Government Scholarships	.....	.....	600		600
		Library and Prize Allowances ...	.....	.....	800		800
						6,342	6,822
						41,930	40,250
		Total for Construction...	.....	.....	.....	15,10,726	14,63,260
		ACCOUNTS.					
1	1	Controller of Public Works Accounts.	1,425 and 1,500	1,425 and 1,500	17,770		19,200
1	1	Deputy do. do. ...	550	550	6,600		6,600
1	1	Accountant, 1st Grade	.....	300			
1	1	Do. 2nd ,, ...	.....	275			
4	4	Do. 3rd ,, ...	150	600			
6	6	Do. 4th ,, ...	110	660			
		Carried over...	.....	1,835	24,370	.....	25,800

GOVERNMENT OF MADRAS.

Part IV.—(Continued.)

DETAIL OF ESTIMATE FOR ESTABLISHMENTS FOR 1872-73.—(Concluded.)

Number. 1871-72.	Number. 1872-73.	Particulars.	Salary of Office.	Estimate for 1872-73. Per Mensem.	Per Annum.	Total.	Estimate for 1871-72. Charges per Annum.
		ACCOUNTS.—(Concluded.)	Rs.	Rs.	Rs.	Rs.	Rs.
		Brought over...	.....	1,835	24,370	.....	25,800
5	5	Accountants, 5th Grade	80	400			
39	39	Accountants and Clerks, at 15 to 100 Rupees	.....	1,538			
				3,773	45,276		45,276
		Local Fund Special Establishment ...	.....	550	6,600		.....
11	11	Office Servants	.....	67	804		804
69	69					77,050	71,880
		Presidency House-rent	.....	105	1,260		1,260
		Travelling Allowance	.....	.....	2,000		2,000
		Contingencies	.....	.....	600		600
		Official Postage	.....	.....	8,000		8,000
						11,860	11,860
		Total for Accounts...	.....	.....	.....	88,910	83,740
		CONSERVANCY.					
		As per details appended to Budget Estimate	.....	.....	.....	97,677	94,590
		Grand Total...	.....	.....	.....	20,75,594	19,83,718

GOVERNMENT OF MADRAS.

Part IV.—(Concluded.)

ABSTRACT OF THE FOREGOING CHARGES FOR ESTABLISHMENTS.

Heads.	Salaries.	Travelling Allowance.	Contingencies	Total. 1872-73.	Total. 1871-72.
	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	3,41,897	20,144	16,240	3,78,281	3,42,128
Construction	12,69,600	2,06,884	34,242	15,10,726	14,65,260
Accounts	77,050	2,000	9,860	88,910	83,740
	16,88,547	2,29,028	60,342	19,77,917	18,89,128
Conservancy	.....	.....	.....	97,677	94,590
Grand Total ...	16,88,547	2,29,028	60,342	20,75,594	19,83,718
Distribution of Charges... Imperial Ordinary ...	.....	.....	.....	6,78,800	8,40,000
Do. Extraordinary ...	.....	.....	.....	2,01,800	2,63,000
Provincial, Local & Special	.....	.....	.....	11,95,000	8,80,710

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part V.

DETAIL OF ESTIMATE FOR TOOLS AND PLANT FOR 1872-73.

Description of Articles.	Estimate, 1872-73. Ordinary.	Estimate, 1872-73. Extraordinary.	Estimate, 1871-72.
New Supplies.	Rs.	Rs.	Rs.
Surveying and Mathematical Instruments	1,030	.....	.....
Machinery	.....	.....	.....
Tools	5,000	21,200	7,700
Plant	700	.....	.....
Office Furniture	780	.....	.....
Camp Equipage	350	.....	.....
Total...	7,860	21,200	7,700
Repairs and carriage from place to place	17,140	.....	10,000
Total...	17,140	.....	10,000
Supplies from England not included in the estimate for works ...	10,000	.....	52,300
Grand Total...	35,000	21,200	70,000

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part VI.

DETAIL OF ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF THE OPERATIONS OF THE MADRAS IRRIGATION AND CANAL COMPANY FOR THE YEAR 1872-73.

ABSTRACT.

		Rs.
I.—ESTABLISHMENT	...	5,000
II.—PURCHASE OF LAND	...	11,000
TOTAL	...	16,000

I.—CONTROLLING ESTABLISHMENT.

NUMBER.		Particulars.	Salary of Office.	ESTIMATE, 1872-73.			ESTIMATE, 1871-72.	Regular Estimate of 1871-72.
1871-72.	1872-73.			Per Mensem.	Per Annum.	Total.	Charges per Annum.	
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	...	Consulting Engineer graded as Chief Engineer, Class II	2,000	...	...	...	24,720	1,991
...	...	Presidency house-rent ...	60	...	...	...		
1	...	Manager	225	...	...			
1	1	Accountant...	42	42	504			
1	1	Head Clerk...	50	50	600			
1	...	Draughtsman and Estimator	60	...	...			
1	1	Do. do. ...	40	40	480			
1	1	Record-keeper	50	50	600			
1	...	Moochee	10½	...	...			
1	1	Peon...	8	8	96	3,528	7,254	4,599
2	1	Do.	7	7	84			
1	...	Do.	6	...	...			
1	...	Sweeper	3	...	...			
		For the Government Examiner.						
1	1	Accountant...	90	90	1,080			
1	1	Peon...	7	7	84			
15	8							
		Travelling allowance and Batta for Office Establishment	...	...	...	3,528	31,974	6,590
						1,000	2,570	926
		Office Expenses and Contingencies	...	...	...	600	1,200	352
		TOTAL OF THE CONTROLLING ESTABLISHMENT...	...	...	...	5,128	35,744	7,868

GOVERNMENT OF MADRAS.

Part VI—(Continued.)

II.—PURCHASE OF LAND.

Number of Item.	Particulars.	Amount of Estimate.	Computed payments up to 31st March 1872.	Estimate for 1872-73.	Remarks or References.
	KURNOOL.	Rs.	Rs.	Rs.	
	For Caliugulah Channels enlarged ... ... Area Acres. 24	Notestimated for the Land Registered and Bills actually incurred by Government from time to time prior to the transfer of the land.	68,571	5,000	
	Total for KURNOOL 24 ...	.....	68,571	5,000	
	CUDDAPAH.				
	Cuddapah ... ... D ...		19,343	6,000	
	Total for CUDDAPAH...	.....	19,343	6,000	
	Grand Total for KURNOOL AND CUDDAPAH 24...	.....	87,914	11,000	

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

GOVERNMENT OF MADRAS.

Part VI.—(Continued.)

DETAIL OF ESTIMATE OF STATE EXPENDITURE ON ACCOUNT OF RAILWAYS FOR THE YEAR 1872-73.

ABSTRACT.

	Rs.
I.—ESTABLISHMENT	80,400
II.—PURCHASE OF LAND	2,59,700
TOTAL...	3,40,100

I.—CONTROLLING ESTABLISHMENT.

NUMBER. 1871-72.	NUMBER. 1872-73.	Particulars.	Salary of Office.	ESTIMATE, 1872-73. Per Mensem.	Per Annum.	Total.	ESTIMATE, 1871-72. Charges per Annum.
		Consulting Engineer for Railways.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1	1	Consulting Engineer for Railways... ... 1,860	2,000 0 0	2,000 0 0	24,000 0 0		16,440 0 0
		Military Pay proper ... 140					
1	1	Deputy Consulting Engineer for Railways ... 950	1,135 0 0	1,135 0 0	13,620 0 0		13,620 0 0
		House-rent... ... 45					
		Military Pay proper ... 140					
1	1	Assistant Consulting Engineer for Railways. 550	665 0 0	665 0 0	7,980 0 0		7,980 0 0
		Military Pay proper ... 70					
		House-rent... ... 45					
1	1	Examiner of Railway Accounts... ... 500	949 1 0	949 1 0	11,388 12 0		11,388 8 0
		Military Allowance, Staff Corps pay ... 374 1/16					
		House-rent... ... 75					
1	1	Assistant Controller of the 2nd Grade...	350 0 0	350 0 0	4,200 0 0		4,200 0 0
1	1	Uncovenanted Assistant ...	300 0 0	300 0 0	3,600 0 0		3,600 0 0
1	1	Second Grade Accountant ...	250 0 0	250 0 0	3,000 0 0		3,000 0 0
4	5	Clerks, at Rs. 15, 20, 30, 50 and 70	185 0 0	185 0 0	2,220 0 0		2,220 0 0
3	3	Accountants, at Rupees 40, 60 and 100	200 0 0	200 0 0	2,400 0 0		2,400 0 0
1	1	Draughtsman	50 0 0	50 0 0	600 0 0		600 0 0
1	1	Indexer	50 0 0	50 0 0	600 0 0		600 0 0
12	12	Peons and others, one at Rs. 5, nine at Rs. 7, one at Rs. 8, and one at Rs. 10½	86 8 0	86 8 0	1,038 0 0	.....	1,038 0 0
28	29					74,646 12 0	67,086 8 0
		House-rent	.....	.....	.....	.....	1,020 0 0
		Add for travelling allowances of Consulting Engineer, Deputy Consulting Engineer, and Examiner of Railway Accounts ...	.....	.....	4,200 0 0	4,200 0 0	4,200 0 0
		Official Postage	.....	.....	1,000 0 0	1,000 0 0	850 0 0
		Office expenses and Contingencies	.....	.....	600 0 0	600 0 0	600 0 0
		Total ...	.....	.....	80,446 12 0	80,446 12 0	73,756 8 0

GOVERNMENT OF MADRAS.

Part VI.—(Concluded.)

13/7

13/7

II.—PURCHASE OF LAND.

Number of Item.	Particulars.	Amount of Estimate.	Computed payments to 31st March 1872.	Estimate, 1872-73.	Remarks or References.
	MADRAS RAILWAY.	Rs.	Rs.	Rs.	
	Chingleput District	2,0 0	1,000	1,000	
	Coimbatore do.	*63,0 0	43,000	20,000	
	NEILGHERRY BRANCH.				
	(*A.*) For railroad from Nunjundapooram to Mettapolliem 24,000				
	For station ground at Coimbatore ... 10,200				
	Do. do in three other places 6,000				
	(*B.*) For spoil banks, etc. 19,100				
	(*C.*) For Engineers' bungalows and for the preparation of materials ... 2,200				
	(*D.*) For diversion of roads 500				
	Probable amount of compensation to be paid for loss of produce... 1,000				
	Total... *63,000				
	Cuddapah District	490	200	290	
	Bellary District	170	...	170	
	Total ...	65,660	44,200	21,460	
	GREAT SOUTHERN OF INDIA RAILWAY.				
	Tanjore District	1,60,557	1,56,167	4,390	
	Trichinopoly do., Erode Extension...	12,010	7,000	3,930	
	Tuticorin Extension...	...	...	30,000	
	Madura District	...	...	50,000	
	Tinnevelly do.	...	...	1,00,000	
		1,72,567	1,63,167	1,88,320	
	CARNATIC RAILWAY.				
	Madras Chingleput District	...	...	30,000	
	South Arcot District	...	...	20,000	
		...	...	50,000	

SUMMARY.

Madras Railway	21,460
Great Southern of India Railway ...	1,88,320
Carnatic Railway	50,000
Total...	2,59,780

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

PUBLIC WORKS DEPARTMENT.

APPENDICES

TO THE

IMPERIAL BUDGET ESTIMATE

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1872-73.

GOVERNMENT OF MADRAS.

APPENDIX A.

DISTRIBUTION OF ESTABLISHMENT—1872-73.

Division or Office.		Superintending Engineers.	Executive Engineers.	Assistant Engineers.	Upper Subordinates.	Accountants.	Clerks.	Draughtsmen.	Cashiers.	Duftries.
Secretary and Under Secretary ...	2	...	...	...	...	...	31	10	...	31
Chief Engineer for Irrigation and Joint Secretary	1	...	...	...	...	2	3	3	...	5
1st Division.										
Ganjam	...	...	2	1	4	6	6	1	...	15
Vizagapatam	...	...	1	1	6	6	13	1	...	15
Godavery	...	1	2	4	14	13	16	7	...	42
2nd Division.										
Kistna	...	1	2	3	16	13	27	6	...	53
Nellore...	...	...	...	...	13	6	13	3	...	30
3rd Division.										
Cuddapah	...	...	1	3	14	7	15	2	...	34
Bellary...	...	1	1	3	21	12	28	6	...	60
Kurnool	...	...	...	1	12	6	11	1	...	25
4th Division.										
Presidency	...	2	1	...	6	8	15	3	...	24
Chingleput	...	...	4	1	12	6	13	3	...	30
North Arcot	...	...	...	2	12	10	14	3	...	33
5th Division.										
South Arcot	...	1	1	3	9	5	21	3	...	37
Salem	...	...	2	...	12	7	12	2	...	28
Bangalore	...	...	1	...	2	3	4	1	...	8
6th Division.										
Tanjore	...	1	2	1	16	8	26	5	...	50
Trichinopoly	...	...	1	1	9	8	11	1	...	26
7th Division.										
Coimbatore	...	1	3	...	16	11	28	5	...	55
Malabar	...	...	3	1	15	7	16	3	...	37
South Canara	...	...	...	1	8	5	8	1	...	19
8th Division.										
Madura	...	1	1	4	11	5	18	3	...	31
Tinnevelly	...	...	3	2	14	8	14	3	...	33
Mechanical Engineer	...	...	...	...	1	...	...	...	...	...
Public Works Stores	...	...	1	...	...	...	5	...	...	19
Controller's Office	...	1	1	...	...	38	18	...	...	11
Civil Engineering College	...	...	1	...	10	...	3	...	...	13
Total...	3	10	34	32	253	200	389	76	...	764

GOVERNMENT OF MADRAS.

APPENDIX B.

ESTIMATE OF THE PROBABLE RECEIPTS THAT WILL BE REALIZED BY AND ON ACCOUNT OF THE PUBLIC WORKS DEPARTMENT DURING THE YEAR 1872-73.

	Estimate, 1872-73.		Estimate, 1871-72, as modified by the Government of India.	
	Amount.	Total.	Amount.	Total.
Revenue Imperial.	Rs.	Rs.	Rs.	Rs.
To be realized in Public Works Department—				
Tolls, dues, fees, fines, and refunds	15,000			
Rents of Buildings	17,000			
Sales of produce, etc.	1,000			
Sales of buildings, old materials, and tools and plant	12,000			
		45,000		45,000
Do. do. in Civil Department—				
Tolls, Dues, fees, fines, and refunds	4,500			
Rents of buildings	.....			
Sales of produce, etc.	100			
Sales of buildings and old materials	400			
		5,000		5,000
TOTAL REVENUE, IMPERIAL ...	.....	50,000	.....	50,000

APPENDIX C.

ESTIMATE OF RAILWAY AND MADRAS IRRIGATION AND CANAL COMPANIES' WORKS DEPARTMENT FOR 1872-73.

1.—EXPENDITURE FROM GUARANTEED CAPITAL.

	1872-73. English.	1872-73. Indian.	1872-73. Total.	1871-72.	Regular Estimate, 1871-72.
	Rs.	Rs.	Rs.	Rs.	Rs.
MADRAS RAILWAY.					
Payments from Government Treasuries.					
1. Cash advances for construction	.....	.....	28,40,200	23,54,439	26,61,900
Receipts into Government Treasuries.					
1. Refunds, etc.	.....	.....	15,00,000	13,20,439	13,20,000
Net payments from Government Treasuries	.....	.....	13,40,200	10,34,000	13,41,900
GREAT SOUTHERN OF INDIA RAILWAY.					
Payments from Government Treasuries.					
1. Cash advances for construction, etc.	.....	.....	17,50,000	20,70,300	5,58,170
Receipts into Government Treasuries.					
1. Refunds, etc.	.....	.....	5,000	1,90,000	5,000
Net payments from Government Treasuries	.....	.....	17,45,000	18,80,300	5,53,170
CARNATIC RAILWAY.					
Payments from Government Treasuries.					
1. Cash advances for construction, etc.	.....	.....	7,55,770	9,03,000	2,41,570
Receipts into Government Treasuries.					
1. Refunds, etc.	.....	.....	.....	2,59,000	.....
Net payments from Government Treasuries	.....	.....	7,55,770	6,44,000	2,41,570
TOTAL NET PAYMENTS FOR RAILWAYS...	.....	.....	38,40,970	35,58,300	21,36,640
MADRAS IRRIGATION AND CANAL COMPANY.					
Main Canal	.....	25,000	1,43,000	3,89,336	.....
Distribution Channels	.....	8,000			
Buildings	.....	.....			
Establishments	.....	50,000			
Electric Telegraph	.....	.....			
Alteration of calingulahs	.....	60,000			
Estimated receipts from sale of stores, etc., to be credited to Capital	.....	1,43,000	1,43,000	.....	.....
TOTAL FOR THE MADRAS IRRIGATION AND CANAL COMPANY...	.....	.....	.....	.....	.....
GRAND TOTAL...	.....	1,43,000	1,43,000	3,89,336	.....
	.....	1,43,000	39,83,970	39,47,636	21,36,640

GOVERNMENT

APPENDIX

II.—REVENUE

OF MADRAS.

C.—(Concluded.)

ACCOUNT.

	Gross Earnings.			Working Expenses.			Net Revenue.			Per-centage of Working Expenses.		
	1872-73.	1871-72.		1872-73.	1871-72.		1872-73.	1871-72.		1872-73.	1871-72.	
		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.		Budget Estimate.	Regular Estimate.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
Madras Railway ...	60,00,000	61,00,000	61,00,000	35,00,000	32,52,400	34,06,948	25,00,000	28,47,600	26,93,052	58·33	53·32	55·85
Great Southern of India Railway	8,66,800	8,25,000	7,11,000	5,74,700	5,00,000	4,43,130	2,92,100	3,25,000	2,67,870	66·30	60·61	62·32
Carnatic Railway ...	41,000	42,000	34,500	28,450	30,000	24,450	12,550	12,000	10,050	69·39	71·43	70·87
	69,07,800	69,67,000	68,45,500	41,03,150	37,82,400	38,74,528	28,04,650	31,84,600	29,70,972	.....	.....	.....
Madras Irrigation and Canal Company.												
Main Canal from Soonkasala to the Pennair ...	50,000	10,14,882	36,863	*a* 1,00,305	40,334	61,376	*Dr.* 50,305	9,74,548	*Dr.* 24,513	200·6	11·36	166·5

a This sum represents the estimated working expenses in 1872-73

APPENDIX D.

ABSTRACT OF THE CHARGES FOR ESTABLISHMENT AND TOOLS AND PLANT DURING 1872-73, FOR ORDINARY IRRIGATION WORKS.

Name of Work.	Establishments.				Tools and Plant.
	Charges for establishment solely employed on Extraordinary Irrigation works.	Proportionate charges for establishment in mixed Divisions.	Proportionate charges for Direction.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.
Rooshkoolia Project, Ganjam	15,000	.....			1,000
Perryaur Project, Madura	32,000	.....			1,000
Works in Godavery Delta	.....	35,000			12,000
Do. in Kistna	.....	35,000	23,800		2,200
Pennair Anicut, Nellore...	.....	16,000			1,000
Palandorai Project, South Arcot	.....	9,000			1,000
Cauvery and Vennaur Works, Tanjore	.....	14,000			2,000
Streeviguntum Anicut Project, Tinnevelly	.....	22,000			1,000
	*47,000	1,31,000	23,800	2,01,800	21,200

* For Surveys.

List of the Conservancy Establishments under the Department of Public Works.

18/7

	Monthly.	Annually.	Remarks.
GODAVERY DISTRICT.	Rs.	Rs.	
No. 1 Range or Eastern Delta, including Anicut Establishment.			
1 Delta Superintendent	70		
2 Delta Superintendents, at 50 Rupees each.	100		
4 Do. at 40 ,, ,, ...	160		
2 Do. at 30 ,, ,, ...	60		
14 Lascars, at 5 ,, ,, ...	70		
2 Lock Superintendents, at Rupees 15 each.	30		
4 Do. at ,, 12 ,, ...	48		
8 Do. at ,, 10 ,, ...	80		
4 Do. at ,, 6 ,, ...	32		
60 Lock Lascars, at ,, 6 ,, ...	360		
20 Do., at ,, 5 ,, ...	100		
25 Anicut Calingulah Lascars, at 6 Rs. each ...	150		
15 Do. do., at 5 ,, ,,	75		
3 Maistries, at 18, 15, and 12 Rupees ,, ...	45		
2 Goomastahs and Clerk, at 15 ,, ...	30		
1 Shroff	10		
	1,420	17,040	
No. 2 Range, or Central Delta.			
1 Delta Superintendent...	70		
1 Do.	50		
3 Delta Superintendents, at 40 Rupees each.	120		
1 Delta Superintendent	30		
11 Lascars, at 5 Rupees each	55		G. O., No. 1,549, dated 11th May 1869.
2 Lock Superintendents, at 12 Rupees each...	24		
3 Do. at 10 ,, ,, ...	30		
2 Do. at 8 ,, ,, ...	16		
21 Lock Lascars, at 6 ,, ,, ...	126		
7 Do. at 5 ,, ,, ...	35		
	556	6,672	
No. 3 Range, or Western Delta.			
1 Delta Superintendent...	70		
3 Delta Superintendents, at 50 Rupees each.	150		
4 Do. at 40 ,, ,, ...	160		
2 Do. at 30 ,, ,, ...	60		
19 Lascars, at 5 ,, ,, ...	95		
4 Lock Superintendents, at 12 Rupees each.	48		
5 Do. at 10 ,, ,, ...	50		
3 Do. at 8 ,, ,, ...	24		
39 Lock Lascars, at 6 ,, ,, ...	234		
14 Do. at 5 ,, ,, ...	70		
6 Calingulah Lascars, at 5 ,, ,, ...	30		
1 Clerk	15		
	1,006	12,072	
Yelurpad Lock.			
1 Goomastah	10		
3 Lascars, at 5 Rupees	15		
	25	300	G. O., No. 2,357, dated 19th July 1869.
New Irrigation Channels.			
1 Lascar	6		
2 Lascars, at 5 Rupees each	10		
	16	192	G. O., No. 3,166, dated 30th Sept. 1869.

List of Con[illegible] Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
GODAVERY DISTRICT.—(*Conclu[illegible]*)	Rs.	Rs.	
No. 4 Range, or Ellore High Le[illegible]			
1 Delta Superintendent	50		
1 Do.	40		
4 Lascars, at 5 Rupees each	20		
1 Lock Superintendent	12		
1 Do.	8		
4 Lock Lascars, at 6 Rupees each...	24		
2 Do., at 5 ,, ,, ...	10		
3 Calingulah Lascars, at 6 Rupees each ...	18		
8 Do., at 5 ,, ,, ...	40		
	222	2,664	G. O., No. 1,549, dated 11th May 1869.
No. 6 Range, Irrigation Establishme[illegible] for distributing water from the tanks [illegible] the Rajahmundry and Peddapore Tal[illegible]s.			
1 Superintendent	20		
3 Superintendents, at 10 Rupees each ...	30		
3 Lascars, at 5 Rupees each	15		
1 Peon	5		
	70	840	
Yellaru river water distributing establishment	24	288	G. O., No. 2,433, dated 23rd Sept. 1871.
Travelling allowance for the above ...		2,238	
Total for Godavery... ...		42,306	
KISTNA DISTRICT.			
Conservancy Anicut Establishment.			
1 Anicut Superintendent	100		
2 Lascars, at 5 Rupees each	10		
1 Maistry	30		
1 Goomastah	12		
1 Tindal...	7		
8 Lascars, at 6 Rupees each	48		
20 Do., at 5 ,, ,, ...	100		
2 Lock Goomastahs, at 10 Rupees each ...	20		
14 Do. Lascars, at 5 ,, ,, ...	70		
	397	4,764	
Irrigation Establishment.			
2 Delta Superintendents, at 70 Rupees each...	140		
40 Channel do., at 12 ,, ,, ...	480		
44 Lascars, at 5 ,, ,, ...	220		
	840	10,080	G. O. No. 3,401, dated 13th Nov. 1865. ,, ,, 369, ,, 31st Jan. 1866.
Navigation Establishment.			
2 Navigation Superintendents, at 50 Rs. each.	100		
2 Lascars, at 5 ,, ,,	10		
	110	1,320	
Masulipatam Canal and Koilpaud Lock.			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	
Veerunku Lock.			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
KISTNA DISTRICT.—(*Continued.*)	Rs.	Rs.	
Needdamole Lock.			
1 Goomastah	15		
6 Lascars, at 6 Rupees each	36		
	51	612	
Aukoomarroo Lock.			
1 Goomastah	12		
6 Lascars, at 6 Rupees each	36		
	48	576	
Tidal Lock.			
1 Goomastah	12		
6 Lascars, at 6 Rupees each	36		
	48	576	
Boodimair Channel, Casarapully Lock.			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	
Buntoomully Channel, Cowleram Lock.			
1 Lock Goomastah	10		
3 Lascars, at 5 Rupees each	15		
	25	300	
Pooliar Channel, Pamooroo Lock.			
1 Goomastah	10		
3 Lascars, at 5 Rupees each	15		G. O., No. 3,401, dated 13th Nov. 1865. ,, ,, 369, ,, 31st Jan. 1866.
	25	300	
Nizampatam Canal, Poogurla Lock.			
1 Goomastah	15		
6 Lascars, at 5 Rupees each	30		
	45	540	
Katchepady Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
Jutur Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
Mullamada Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
Tidal Lock.			
1 Goomastah	10		
4 Lascars, at 5 Rupees each	20		
	30	360	
Jagaralamoody Lock and Calingulah.			
1 Goomastah	12		
4 Lascars, at 6 Rupees each	24		
	36	432	G. O., No. 2,449, dated 12th Aug. 1867.

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
KISTNA DISTRICT.—(*Concluded.*)	Rs.	Rs.	
Vellatoor Western Bank Channel.			
1 Goomastah	15		
7 Lascars, at 6 Rupees	42		
	57	684	G. O., No. 3,114, dated 1st Oct. 1866.
Commamore Channel.			
1 Goomastah	12		
4 Lascars, at 6 Rupees each ...	24		
	36	432	G. O., No. 586, dated 23rd Feb. 1869.
Ellore Canal.			
1 Delta Superintendent	40		
1 Channel do.	8		
1 Lascar	6		
1 Do.	5		
	59	708	G. O., No. 2,521, dated 22nd Oct. 1871.
Nuzid Division for collecting water rate in Zemindary and Inam lands.			
1 Inspector	20		
1 Goomastah	15		
1 Shroff	10		
2 Peons, at 6 Rupees each	12		
	57	684	G. O., No. 1,172, dated 26th April 1871.
Pondalah Sluice and three Calingulahs at Pundrapaud.			
2 Lascars, at 6 Rupees each	12	72	}
Nellamudu and Mudlapaulium Calingulahs			
1 Goomastah	10		
4 Lascars, at 6 Rupees each	24		
	34	204	
Purcharvagoo and Saker Calva Calingulahs and Sluices.			
3 Lascars, at 6 Rupees each	18	108	For six months. G. O., No. 2,408, dated 8th Aug. 1867.
Aleru Calingulah.			
1 Goomastah	10		
4 Lascars, at 6 Rupees	24		
	34	204	
Aramanda Channel.			
1 Goomastah	10		
3 Lascars, at 6 Rupees	18		
	28	168	}
Calingulah at Mopurru on the Boodamair.			
3 Lascars, at 5 Rupees	15	75	For five months. G. O., No. 3,228, dated 13th Oct. 1868.
Travelling allowance for the above ...		25,803 744	
Total for Kistna District...		26,547	
NELLORE DISTRICT.			
Southern Delta of Pennair.			
1 Delta Superintendent	70		
1 Goomastah	15		
1 Lascar	6		
	91	1,092	G. O. No. 2,688, dated 16th Aug. 1869. ,, ,, 3,690, ,, 18th Nov. ,,

List of the Conservancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
NELLORE DISTRICT.—(*Concluded.*)	Rs.	Rs.	
Southern Delta of Pennair.			
1 Anicut Superintendent	60		
1 Goomastah	10		
1 Lascar	7		
15 Lascars, at 6 Rupees each	90		
	167	2,004	G. O., No. 2,688, dated 16th Aug. 1869. ,, ,, 3,690, ,, 18th Nov. ,,
Southern Delta of Pennair, Survapully Branch Channel.			
1 Head Lascar	6		
4 Lascars, at 5 Rupees	20		
	26	312	G. O., No. 2,482, dated 28th Sept. 1871.
Southern Delta of Pennair.			
1 Goomastah	10	70	For seven months. G. O., No. 2,482, dated 28th Sept. 1871.
1 Goomastah	8		
2 Lascars, at 5 Rupees each	10		
	18	126	}
1 Delta Goomastah	12		
7 Lascars, at 5 Rupees	35		
	47	329	}
1 Delta Goomastah	8		
4 Lascars, at 5 Rupees each	20		For seven months. G. O., No. 2,688, dated 16th Aug. 1869. ,, ,, 3,690, ,, 18th Nov. ,,
	28	196	
1 Delta Goomastah	10		
5 Lascars, at 5 Rupees each	25		
	35	245	}
Nellore Tank.			
1 Superintendent	7		
2 Lascars, at 5 Rupees each	10		
	17	68	
Vaynar Channel Head Sluice.			
4 Lascars, at 5 Rupees each	20	80	For four months. G. O., No. 3,510, dated 30th Nov. 1863.
Gunduveram and Darwar Channel Head Sluice at Sangiam.			
1 Goomastah	7		
4 Lascars, at 5 Rupees each	20		
	27	108	
Total for Nellore District...		4,630	
PRESIDENCY.			
Chepauk Buildings, Conservancy.			
1 Pair cart bullocks and driver	20		
2 Totties, at 5 Rupees	10		
	30	360	
Total for Presidency ...		360	G. O., No. 100, dated 17th Dec. 1870.

List of the Co[illegible]ancy Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks.
CHINGLEPUT DISTRICT.	Rs.	Rs.	
Casaveram Anicut Establishment.			
1 Monegar	10½		
3 Lascars, at 5 Rupees each	15		
	25½	306	G O., No. 344, dated 4th February 1871.
Vullur Anicut Sluices and Chan[illegible]			
1 Monegar	10		
1 Lascar	5		
	15	180	G. O., No. 357, dated 6th February 1871.
Anicut across the Cortilliar.			
1 Anicut Superintendent	25		
4 Lascars, at 7 Rupees each	28		
	53	636	G. O., No. 1,346, dated 16th May 1871.
Coratoor Anicut.			
1 Monegar	7		
1 Peon	3½		
	10½	126	G. O., No. 231, dated 20th Feb. 185[illegible].
Water distributing Establishment.			
Kambankal Channel.			
1 Maistry	20		
2 Lascars at 6 Rupees each	12		
12 Niraganties, at 4 Rupees each	48		
	80	960	G. O., No. 68, dated 12th January 1864, Revenue Department.
Total for Chingleput District ...	...	2,208	
NORTH ARCOT DISTRICT.			
Palar Anicut.			
1 Monegar	25		
4 Lascars, at 4½ Rupees each	18		
	43	516	
Poiney Anicut and Channels.			
1 Monegar	15		
1 Do. for channels	12		
7 Lascars, at 4½ Rupees each	31½		
1 Lascar, at 4½ ,, ,, ...	4½		
	62¾	753	
Cauveripauk Tank.			
1 Monegar	12		
2 Lascars, at 4½ Rupees each	9		
	21	252	G. O., No. 2,785, dated 31st Aug. 1868.
Mahindravady.			
1 Monegar	12		
3 Lascars, at 4½ Rupees each	13½		
	25½	306	
Gonvidavady Channel.			
1 Monegar	12		
3 Lascars, at 4½ Rupees each...	13½		
	25½	306	
Poiney Anicut and Channel.			
1 Lascar	5		
1 Do.	3¾		
	8¾	105	G. O., No. 168, dated 16th January 1864.

List of the Conservancy Establishme[illegible]c.—(*Continued.*)

	Monthly.	A[illegible]	Remarks.
NORTH ARCOT DISTRICT.—(*Concluded.*)	Rs.	Rs.	
Doosay Tank and Channel.			
1 Monegar	15		
3 Lascars, at 4½ Rupees...	13½		
	28½	342	
Cheyaur Anicut.			
1 Monegar	27		
1 Do.	20		
6 Lascars, at 5 Rupees each	30		
	77	924	G. O., No. 168, dated 16th Jan. 1864.
Alliahabad Dam and Channels.			
1 Monegar	10		
5 Lascars, at 6 Rupees each	30		
	40	480	G. O., No. 2,926, dated 15th Sept. 1868.
Total for North Arcot District ...	...	3,984	,, ,, 3,495, ,, 10th Nov. ,,
SOUTH ARCOT DISTRICT.			
1 Overseer	35		
6 Cottens, at 4 Rupees each	24		
4 Do., at 4 ,, ,, ...	16		
3 Do., at 4 ,, ,, ...	12		
1 Superintendent	15		
6 Cottens, at 4 Rupees each	24		
4 Peons, at 5 ,, ,, ...	20		
1 Driver	1¾		
4 Cottens, at 4 Rupees each	16		
4 Peons at 5 ,, ,, ...	20		
4 Talliaries, at 2 Rupees each	8		
1 Monegar	7		
1 Ameen	14		
4 Cottens, at 4 Rupees each	16		
1 Ameen	7		
3 Cottens, at 4 Rupees	12		
1 Ameen	10		
4 Cottens, at 4 Rupees each	16		
	273¾	3,285	G. O., No. 2,763, dated 28th Aug. 1868.
Mamootoor Anicut.			
1 Overseer	25		
3 Cottens, at 4 Rupees each	12		
1 Peon	5		
	42	504	G. O., No. 1,519, dated 5th Jan. 1871.
Total for South Arcot District...		3,789	
TRICHINOPOLY DISTRICT.			
No. I Range.			
Cauvery and Coleroom Poodoogay.			
1 Peishcar	7		
1 Monegar	7		
4 Monegars, at 5 Rupees each	20		
13 Peons, at 4 ,, ,, ...	52		
	86	1,032	G. O., No. 3 430, dated 15th Nov. 1867.
No. II Range.			,, ,, 207, ,, 21st Jan. 1868.
Cauvery Poodoogay.			
1 Peishcar	7		
1 Monegar	5		
4 Peons, at 4 Rupees each	16		
	28	336	Do. do. do.

List of the Con… Establishments, etc.—(*Continued.*)

	Monthly.	Annually.	Remarks
TRICHINOPOLY DISTRICT.—(*Concluded*).	Rs.	Rs.	
Korumboo Establishment.			
2 Monegars, at 4 Rupees each	8		
1 Do.	3		
	11	132	G. O., No. 2,277, dated 13th Aug. 1863.
No. III Range.			
Ponnair Channel.			
1 Manegar to direct water at the ... head	10		
4 Plankmen, at 4 Rupees each	16		
2 Do., at 3 ,, ,, ...	6		
1 Monegar for regulating water supply among branches	15		
1 Bank watcher	4		
	51	612	G. O., No. 292, dated 30th Jan. 1867.
			,, ,, 3,850, ,, 10th Dec. 1868.
No. IV Range.			
Cauvery Poodoogay.			
1 Monegar	5		
3 Peons, at 4 Rupees each	12		
	17	204	G. O., No. 3,430, dated 5th Nov. 1867.
			,, ,, 207, ,, 31st Jan. 1868.
Korumboo Establishment.			
1 Moneger	5		
1 Do.	3		
	8	96	G. O., No. 2,297, dated 13th Aug. 1863.
Nunthyaur Anicut.			Government of India. No. 3,324, dated 28th December 1869, Financial Department.
1 Monegar	12		
1 Do.	10		Government of India No. 15-E. I., dated 11th Jan. 1870.
2 Shuttermen, at 5 Rupees each	10		
11 Do., at 4 ,, ,, ...	44		Madras Government G. O., No. 535, dated 16th February 1870.
	76	912	G. O., No. 535, dated 16th Feb. 1870.
Total for Trichinopoly District ...		3,324	
TANJORE DISTRICT.			
Water distributing Establishment.			
1 Monegar	10¾		
1 Do.	10½		
1 Do.	10		
3 Monegars, at 6 Rupees each	18		
1 Cotten	6		
52 Cottens, at 4 Rupees each	208		
	2,62¾	3,154½	G. O., dated 5th October 1840.
Conservancy Establishment.			,, ,, 24th July 1853.
8 Monegars, at 6 Rupees each	48		
1 Monegar	5		
28 Cottens, at 4 Rupees each	112		
	165	1,980	Do. do. do.
Navigation Establishment.			
1 Monegar	17½		
1 Do.	15		
1 Do.	14		
3 Cottens, at 4½ Rupees each	13½		
13 Do., at 4 ,, ,, ...	52		
	112	1,344	

List of the Conservancy Establish… —(*Concluded.*)

	Monthly.	Ann…	Remarks.
TANJORE DISTRICT.—(*Concluded.*)	Rs.	Rs.	
Cauvery and Coodamoorthy Dam.			
1 Superintendent	10		
1 Do.	8		
1 Do.	7		
5 Shuttermen, at 5 Rupees each	25		
	50	60…	…O., No. 1,694, dated 14th July 1870.
Total for Tanjore District ...		7,…	
Ganjam District.			
Neeranikum Establishment		1,244	
Vizagapatam District.			
Neeranikum Establishment		628	
Madura District.			G. O., No. 1,311, dated 23rd Aug. 1870, Revenue Department.
Neeranikum Establishment		192	
Tinnevelly District.			G. O., No. 17, dated 3rd September 1870, Public Works Department.
Neeranikum Establishment		1,164	
Malabar District.			
Neeranikum Establishment		222	
Abstract.			
Godavery		42,306	
Kistna		26,547	
Nellore		4,630	
Presidency		360	
Chingleput		2,208	
North Arcot		3,984	
South Arcot		3,789	
Trichinopoly		3,324	
Tanjore		7,079	
Ganjam		1,244	
Vizagapatam		628	
Madura		192	
Tinnevelly		1,164	
Malabar		222	
Total... ...		97,677	

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

MADRAS.

Detailed ... London Supplies of 1872-73.

	Articles.	Probable cost.
		Rs.
Surveying and Mathematical Instrume...		5,000
Machinery		1,000
Value of store due on former indents ex... ed during the year		4,000
	Total...	10,000

Proceedings of the Madras Gov...ment, Public Works Department
29th Ja...ry 1872.

Read th... papers :—

No. 519. From the Acting St... ding Engineer, 1st Division.
(Here enter No. ...ted 4th October 1871.)

No. 520. From ... do. ... do.
(Here enter No. 1,999, dated 28th September 1871.)

No. 521. From ... do. ... 2nd do.
(Here enter No. 69, dated 13th September 1871.)

No. 522. From ... do. ... do. do.
(Here enter No. 80, dated 29th September 1871.)

No. 523. From ... do. ... do. do.
(Here enter No. 108, dated 7th November 1871.)

No. 524. From ... do. ... do. do.
(Here enter No. 84, dated 14th October 1871.)

No. 525. From ... do. ... 3rd do.
(Here enter No. ..., dated 3rd October 1871.)

No. 526. From ... do. ... do. do.
(Here enter No. 4,649, dated 26th September 1871.)

No. 527. From ... do. ... do. do.
(Here enter No. 1,416, dated 30th October 1871.)

No. 528. From ... do. ... 4th do.
(Here enter No. 2,803, dated 7th October 1871.)

No. 529. From ... do. ... do. do.
(Here enter No. 2,613, dated 22nd September 1871.)

No. 530. From ... do. ... do. do.
(Here enter No. 3,353, dated 15th November 1871.)

No. 531. From ... do. ... 5th do.
(Here enter No. 142, dated 23rd September 1871.)

No. 532. From ... do. ... do. do.
(Here enter No. 143, dated 25th September 1871.)

No. 533. From ... do. ... 6th do.
(Here enter No. 668, dated 30th October 1871.)

No. 534. From ... do. ... do. do.
(Here enter No. 570, dated 23rd September 1871.)

No. 535. From ... do. ... 7th do.
(Here enter No. 125, dated 28th September 1871.)

No. 536. Form ... do. ... do. do.
(Here enter No. 149, dated 10th October 1871.)

No. 537. From ... do. ... 8th do.
(Here enter No. 2,530, dated 11th October 1871.)

No. 538. From ... do. ... do. do.
(Here enter No. 4,659, dated 26th September 1871)

No. 539. From Special Executive Engineer Wynaad.
(Here enter No. 4,583, dated 25th September 1871.)

No. 540. From ... do. ... do.
(Here enter No. 487, dated 14th October 1871.)

No. 541. From ... do. ... do.
(Here enter No. 520, dated 4th November 1871.)

No. 542. From the Government of India.
(Here enter No. 579, A.G., dated 7th September 1871.)

No. 543. From the Collector of South Arcot.
(Here enter No. 67, dated 29th September 1871.)

No. 544. From the ... Do. ... of Salem.
(Here enter No. 2,792, dated 29th September 1871.)

No. 545. From the Government of India.
(Here enter No. 63, dated 28th October 1871.)

No. 546. From the Government o[illegible]
(Here enter No. 64, [illegible]ber 1871.)

No. 547. From do.
(Here enter, No. 25 [illegible] 31st October 1871.)

No. 548. From do.
(Here enter No. 791, [illegible], dated 3rd November 1871.)

No. 549. From the Controller of Public Works Accounts, Madras.
(Here enter No 2,055, dated 10th November 1871.)

No. 550. From the Director of Public Instructions.
(Here enter No. 2,050, dated 13th November 1871.)

No. 551. From the Controller of Public Works Accounts.
(Here enter No. 2,057, dated 10th November 1871.)

No. 552. From the Director of Public Instruction.
(Here enter No. 2,186, dated 2nd December 1871.)

No. 553. From the General Superintendent Public Works Stores and Workshops.
(Here enter No. 723, dated 18th December 1871.)

No. 554. From the Proceeding, Madras Government, Military Department.
(Here enter No. 4,001, dated 9th December 1871.)

No. 555. From the Controller of Public Works Accounts.
(Here enter No. 2,286, dated 9th December 1871.)

No. 556. From the General Superintendent, Public Works Stores and Workshop.
(Here enter No. 648, dated 18th November 1871.)

No. 557. From the Government of India.
(Here enter No. 4-A.-G., dated 2nd January 1872.)

No. 558. From the Controller of Public Works Accounts.
(Here enter No. 2,567, dated 19th January 1872.)

No. 559. From the Officiating President Municipal Commission.
(Here enter No. 326, dated 29th Septemter 1871.)

No. 560. ORDER THEREON, 29th January 1872, No. 269.

ACCOUNT, No. 47.

G. O., No. 2,950, dated 22nd November 1871.

IN their Circular of the 28th October 1871, No. 62, the Government of India made the following assignments to this Presidency for the ensuing official year on account of Imperial Public Works:—

		Rs.
Military		4,00,000
Agricultural	Ordinary...	20,00,000
	Extraordinary	12,00,000
Civil Buildings	Telegraph	55,000
	Postal	15,000
Establishment for Military and other services ...		1,55,000
Tools and Plant for do.		25,000

2. The grants under Ordinary and Extraordinary Agricultural works include the proportion of charges on account of Establishment and Tools and Plant necessary for those works, as also the State outlay in connection with the Madras Irrigation and Canal Company.

3. The following statement exhibits the manner in which the assignments made by the Government of India, inclusive of the State expenditure on Guaranteed Railways, have been distributed in the Imperial Budget, which is herewith circulated for the information and guidance of the department:—

Main Heads of Service.	Minor Heads.	Works not commenced.		Incomplete Works.		Total of two previous columns.		Reserve.	Grand Total.
		Number.	Amount allotted.	Number.	Amount allotted.	Number.	Amount allotted.		
			Rs.		Rs.		Rs.	Rs.	Rs.
New Works	Military	12	88,000	2	52,000	14	1,40,000	40,000	1,80,000
	Civil buildings (Postal and Telegraph buildings) ...	2	52,500	...	.....	2	52,500	13,000	65,500
	Agricultural, Ordinary ...	...	.....	2	1,30,000	2	1,30,000	1,20,200	2,50,200
	Do. Extraordinary. ...	3	1,25,000	13	7,52,000	16	8,77,000	.....	8,77,000
	Total ...	17	2,65,500	17	9,34,000	34	11,99,500	1,73,200	13,72,700
Repairs	Military	...	.....	...	.....	...	.....	.....	2,20,000
	Civil buildings (Postal and Telegraph buildings) ...	...	.....	...	.....	...	.....	.....	4,500
	Agricultural, Ordinary ...	...	.....	...	.....	...	.....	.....	12,00,000
	Total...	...	.....	...	.....	...	.....	.....	14,24,500
Establishments exclusive of proportion chargeable to Provincial and Local Funds ...		...	.....	...	.....	...	.....	.....	8,80,600
Tools and Plant do. ...		...	.....	...	.....	...	.....	.....	56,400
Madras Irrigation and Canal Company—State Outlay ...		...	.....	...	.....	...	.....	.....	16,000
Railways		...	.....	...	.....	...	.....	.....	3,40,100
	Total ...	...	.....	...	.....	...	.....	.....	40,90,100

4. As the assignment under Milita akh of rupees below that originally made to this Presidency for the cu r and Rupees 40,000 less than even the reduced grant for 1871-72, and a ands for New Works aggregated nearly 16 lakhs, while the existing allot epairs were manifestly inadequate, it became necessary to request the opinion of His Excellency the Commander-in-chief on the best mode of utilizing the small grant for Original Works, and the works entered in the Budget are those which have been selected by His Excellency. The special attention of the Government of India will be drawn to the inadequacy of the Military assignment for Public Works; but it is necessary to inform Superintending Engineers that as the Reserve for 1872-73 is only Rupees 22,000 after deducting allotments placed at the disposal of Superintending Engineers for Minor New Works, their demands from that source after 1st April should be confined to absolutely indispensable requirements.

5. Under Civil Buildings the works entered in the Budget are those ordered by the Government of India to be included, and the provision for Minor Works and Repairs is that fixed by them.

6. A special representation has been made to the Government of India regarding the insufficiency of the grant for Agricultural Repairs. From the sum of Rupees 14,50,200 which is available for outlay on works it has not been practicable to make a larger allotment than that for the current year for Repairs, and as it is necessary to provide for the Madras Water Supply and Chembrumbaukum Projects from the ordinary grant, no provision has been made for the completion or commencement of any other irrigation works, and the question of allotting funds for them from the Reserve will be considered after 1st April next.

7. The following grants are authorized from the Reserve under Military and Agricultural to meet demands on account of Minor New Works :—

Districts.	Military.	Agricultural.	Total.
	RS.	RS.	RS.
Ganjam	.....	1,000	1,000
Vizagapatam	300	500	800
Godavery	300	6,000	6,300
Kistna	.....	5,000	5,000
Nellore	.....	5,000	5,000
Cuddapah	.....	4,000	4,000
Kurnool	400	2,000	2,400
Bellary	3,000	4,000	7,000
Presidency	3,000	.....	3,000
Chingleput	1,500	5,000	6,500
North Arcot	300	6,000	6,300
South Arcot	.....	6,000	6,000
Salem	200	2,000	2,200
Bangalore	3,000	.....	3,000
Tanjore	.....	10,000	10,000
Trichinopoly	1,700	3,000	4,700
Coimbatore	500	2,500	3,000
Neilgherries	1,000	.....	1,000
Malabar	2,000	500	2,500
South Canara	300	.....	300
Madura	.....	3,000	3,000
Tinnevelly	500	7,500	8,000
Total...	18,000	73,000	91,000

8. These sums will be at t ocal officers on the 1st April 1872, and deducting them from the tota Minor Works Imperial, the balances at the disposal of Government w :—

		RS.
Military ...	... ...	22,000
Agricultural ...	... ...	47,200
Civil Buildings {	Postal	10,000
	Telegraph	3,000
	Total ...	82,200

9. Under Repairs Imperial the aggregate Budget provision for 1872-73 is Rupees 14,24,500 distributed as follows :—

Districts.	Military.	Civil Buildings, Postal and Telegraph Departments.	Agricultural.
	RS.	RS.	RS.
Ganjam	820	200	22,500
Vizagapatam	8,900	200	8,500
Godavery	.....	200	1,55,000
Kistna	700	200	75,900
Nellore	.....	200	56,000
Cuddapah	.....	200	70,000
Kurnool	.....	200	20,000
Bellary	25,000	200	51,500
Presidency	66,147	200	3,000
Chingleput	24,350	200	95,000
North Arcot	3,610	100	1,10,000
South Arcot	.....	.....	1,11,500
Salem	2,850	200	35,000
Bangalore	44,405	500	.....
Tanjore	.....	200	1,45,000
Trichinopoly	9,618	200	71,000
Coimbatore	400	200	48,000
Neilgherries	9,200	200	.....
Malabar	20,000	200	1,100
Wynaad	.....	200	.....
South Canara	1,300	100	.....
Madura	.....	200	41,000
Tinnevelly	2,700	200	80,000
Total...	2,20,000	4,500	12,00,000

10. Considering the improbability of the new scheme of Public Works Establishments recently submitted to the Government of India being brought into operation in 1872-73, Part IV. of the Budget has been prepared with reference to the existing organization. The amount entered for Establishments is in round numbers Rs. 20,75,600 or Rupees 91,890 in excess of the estimate for the current year. This is due chiefly to the whole of the pay and allowances of Military Officers having to be met by this department under a recent ruling of the Financial Department of the Government of India as also to the provision made on account of the pay of the Under Secretary in this Department, which appointment has,

with the sanction of the Government of [illegible] been revived. Of the sum of Rupees 20,75,600, Rupees 6,78,800 will be cha[illegible]perial, Ordinary, Rupees 2,01,800 to Extraordinary, and Rupees 11,95,[illegible]cial and Local.

11. The estimate for Tools and Pl[illegible] in the aggregate to Rupees 56,200 as follows:—

		Rs.
Ordinary	London Supplies	10,000
	Stores to be purchased and charges for repairs and carriage to be incurred in India	25,000
Extraordinary	do. do.	21,200
	Total ...	56,200

12. The distribution of the sum of Rupees 25,000 is as follows:—

Districts or Departments.	Supplies.							Repairs & carriage from place to place.	Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Plant.	Tools.	Office furniture.	Camp Equipage.	Live Stock.	Total.			
Ganjam	.....	.....	.....	200	.....	.....	.....	200	30	230
Vizagapatam	.....	.....	.....	200	.....	.....	.....	200	30	230
Godavery	.....	.....	.....	900	.....	.....	.....	900	50	950
Kistna	.....	.....	.....	500	.....	.....	.....	500	200	700
Nellore	.....	.....	.....	100	.....	.....	.....	100	100	200
Cuddapah	.....	.....	.....	150	.....	.....	.....	150	50	200
Kurnool	.....	.....	.....	150	.....	.....	.....	150	50	200
Bellary	.....	.....	.....	150	.....	.....	.....	150	20	170
Presidency	.....	.....	.....	.....	.....	.....	.....	.....	200	200
Chingleput	.....	.....	.....	150	110	50	.....	310	70	380
North Arcot	.....	.....	200	100	.....	.....	.....	300	150	450
South Arcot	.....	.....	.....	200	200	150	.....	550	150	700
Salem	.....	.....	.....	100	90	.....	.....	190	70	260
Bangalore	.....	.....	.....	30	.....	50	.....	80	100	180
Tanjore	.....	.....	.....	500	.....	.....	.....	500	150	650
Trichinopoly	.....	.....	.....	200	.....	.....	.....	200	100	300
Coimbatore	.....	.....	.....	300	130	150	.....	580	150	730
Neilgherries	.....	.....	.....	250	.....	.....	.....	250	150	400
Malabar	.....	.....	.....	150	.....	.....	.....	150	70	220
Wynaad	.....	.....	.....	80	.....	.....	.....	80	100	180
South Canara	.....	.....	500	100	200	.....	.....	800	150	950
Madura	.....	.....	.....	240	.....	.....	.....	240	100	340
Tinnevelly	.....	.....	.....	250	.....	.....	.....	250	150	400
Total...	.....	.....	700	5,000	730	350	.....	6,780	2,140	8,920
General Superintendent of the Public Works Store Department	1,030	.....	.....	.....	50	.....	.....	1,080	15,000	16,080
Grand Total...	1,030	.....	700	5,000	780	350	.....	7,860	17,140	25,000

13. The amounts included in the [illegible] on account of State Expenditure on Railways, and in connection with [illegible]rrigation and Canal Company are as follows:—

—	For Land.	For Establishment.	Total.
	Rs.	Rs.	Rs.
Railway Company	2,59,700	80,400	3,40,100
Madras Irrigation and Canal Company ...	11,000	5,000	16,000
[illegible]...	2,70,700	85,400	3,56,100

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

Items.	Military.	Civil Buildings.	Agricultural, Ordinary.	Agricultural, Extraordinary.	Total Imperial.
	Rs.	Rs.	Rs.	Rs.	Rs.
Part II.—New Works	1,40,000	52,500	1,30,000	8,77,000	11,99,500
Grant for Minor Works	40,000	13,000	1,20,200	.....	1,73,200
Part III.—Repairs	2,20,000	4,500	12,00,000	.....	14,24,500
Total for New Works and Repairs.	4,00,000	70,000	14,50,200	8,77,000	27,97,200
Part IV.—Establishments ...	.....	.....	.....	.....	8,80,600
Part V.—Tools and Plant ...	.....	.....	.....	.....	56,200
Part VI.—Madras Irrigation and Canal Company—State Outlay...	.....	.....	.....	.....	16,000
Do. Railways do. ...	.....	.....	.....	.....	3,40,100
Grand Total ..	4,00,000	[illegible],000	14,50,200	8,77,000	40,90,100

15. The funds that will be at the [illegible]l of the Local Public Works Officers for expenditure after 1st April next are [illegible]ed below:—

Districts.	Original Works, Major.	Minor Works estimated at less than Rs. 500 each.	Repairs.	Tools and Plant.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	25,000	1,000	23,520	230	49,750
Vizagapatam	15,830	800	17,600	230	34,460
Godavery	3,02,500	6,300	1,55,200	950	4,64,950
Kistna	1,20,000	5,000	76,800	700	2,02,500
Nellore	1,15,000	5,000	56,200	200	1,76,400
Cuddapah	.....	4,000	70,200	200	74,400
Kurnool	.....	2,400	20,200	200	22,800
Bellary	.....	7,000	76,700	200	83,900
Presidency	50,000	3,000	69,347	100	1,22,447

Districts.	[illegible]	[illegible]nor Works estimated less than Rs. 500 each.	Repairs.	Tools and Plant.	Total.
		Rs.	Rs.	Rs.	Rs.
Chingleput	1,	6,500	1,19,550	430	2,69,340
North Arcot		6,300	1,13,710	400	1,20,410
South Arcot		6,000	1,11,500	600	1,78,100
Salem	..	2,200	38,050	240	40,490
Bangalore	92,	3,000	44,905	50	1,39,975
Tanjore	1,16,	0,000	1,45,200	700	2,71,900
Trichinopoly	3,	4,700	80,818	270	89,168
Coimbatore	...	3,000	48,600	730	52,330
Neilgherries	15,9	1,000	9,400	400	26,710
Malabar	....	2,500	21,300	220	24,020
Wynaad	....	.....	200	180	380
South Canara	....	300	1,400	950	2,650
Madura	50,	3,000	41,200	340	94,540
Tinnevelly	91	8,000	82,900	400	1,82,300
General Superintendent of the Public Works Store Department		.....	.....	16,080	16,080
Total.	11,	1,000	14,24,500	25,000	27,40,000

16. Budgets of works to [illegible]t from Provincial and Local Funds will be separately issued.

[illegible]t.)

[illegible]

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigati[illegible]
,, Superintending Engineers.
To Major R. B. Kennedy.
To the Controller of Public Works Accoun[illegible]
,, Consulting Engineer for Railways.
,, General Superintendent of Public Works [illegible] and Workshops.
To Mr. R. Smith, Executive Engineer, on special duty.
To the Public, etc. Departments.
,, Revenue Department.
,, Military Department.
,, Board of Revenue.
,, Accountant-General.
,, Director of Public Instruction.

Esd. S. T. Augustin.

[illegible]

Bobl. of 1872 Madras.

PUBLIC WORKS.

...IEF ENGINEER FOR IRRIGATION.

&c., &c., &c.

...ted January 29th,

...ecd. ult. Encl.

...G. O., 29th January 1872, No. 269.

JANUARY
Nos. 519-560

Public Works Budget-Estimate for 1872-73.—Passing orders on the Imperial Budget-Estimate for 1872-73.