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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

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173/1.

PRELIMINARY ISSUE.

IMPERIAL.
BUILDINGS AND ROADS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET ESTIMATE

OF THE

BUILDINGS AND ROADS BRANCH

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1878-79.

FORT ST. GEORGE,
21st February 1878.

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

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GOVERNMENT OF MADRAS.

IMPERIAL BUDGET ESTIMATES OF REVENUE OF THE PUBLIC WORKS DEPARTMENT, BUILDINGS AND ROADS BRANCH, MADRAS, FOR 1878-79.

ESTIMATE OF THE IMPERIAL REVENUE FROM THE PUBLIC WORKS DEPARTMENT IN MADRAS FOR THE YEAR FROM 1ST APRIL 1878 TO 31ST MARCH 1879.

	Budget Estimate, 1878-79.	Budget Estimate, 1877-78.	Regular Estimate, 1877-78.
	Rs.	Rs.	Rs.
MILITARY.			
Rents of buildings, the returns from which are not expected to yield any interest on cost of construction			
Casual rents of buildings	22,227	33,221	32,297
Sales of buildings	1,995	2,973	1,995
„ of Tools and Plant	154	229	154
„ of old materials	45	67	45
Value of materials received from old buildings	5,822	8,677	8,822
Fines, refunds, and miscellaneous	260	388	260
Total ...	1,134	1,689	1,134
	31,707	47,244	44,707
OTHER SERVICES.			
Rents of quarters for officers, the return from which are expected to yield interest on cost of construction			
Casual rents of buildings	...	...	...
Sales of produce	36	53	36
„ of old materials	...	...	...
„ of Tools and Plant	7,046	10,501	10,046
Exchange	662	987	662
Recoveries of deferred fees from students of Royal Civil Engineering College	142	...	142
Unclaimed deposits	1,220	2,030	2,220
Fines, refunds, and miscellaneous	...	...	...
	9,091	13,542	10,091
GRAND TOTAL... In Public Works Department	18,197	27,113	23,197
In Civil Department	49,904	74,357	67,904
	96	143	96
	50,000	74,500	68,000

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GOVERNMENT OF MADRAS.

IMPERIAL BUDGET ESTIMATE OF ORDINARY EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT, BUILDINGS AND ROADS BRANCH, MADRAS, FOR 1878-79.

ABSTRACT OF THE ESTIMATED CHARGES FOR IMPERIAL PUBLIC WORKS IN MADRAS FOR THE YEAR FROM 1ST APRIL 1878 TO 31ST MARCH 1879.

	Reference to detailed Estimate.	Budget Estimate, 1878-79.	Budget Estimate, 1877-78.	Regular Estimate, 1877-78.
	Pages.	Rs.	Rs.	Rs.
MILITARY.				
ORIGINAL WORKS	4— 7	3,42,000	3,57,000	3,50,609
REPAIRS	11—14	2,50,000	2,50,000	2,55,747
ESTABLISHMENT...	20	1,48,000	1,52,000	1,52,000
TOOLS AND PLANT	21	10,000	16,000	9,344
STOCK AND SUSPENSE	...	...	25,000	25,000
	...	7,50,000	7,50,000	7,42,700
OTHER SERVICES.				
CIVIL BUILDINGS—ORIGINAL WORKS	6— 9	80,518	48,763	35,173
Do. REPAIRS	14	30,000	18,000	18,590
MISCELLANEOUS PUBLIC IMPROVEMENTS—				
ORIGINAL WORKS	8— 9	21,000	1,000	1,000
Do. REPAIRS	15	1,250	1,000	1,000
ESTABLISHMENT...	20	33,810	17,205	17,205
TOOLS AND PLANT	21	2,228	1,032	1,032
STOCK AND SUSPENSE	22	2,482	...	...
	...	1,71,288	87,000	74,000
GRAND TOTAL... Original Works	...	4,43,518	4,06,763	3,86,782
Repairs	...	2,81,250	2,69,000	2,75,337
Establishment	...	1,81,810	1,69,205	1,69,205
Tools and Plant	...	12,228	17,032	10,376
Stock and Suspense	...	2,482	25,000	25,000
Total ...	...	9,21,288	8,37,000	8,16,700

IMPERIAL.
BUILDINGS AND ROADS.

GOVERNMENT

Part

DETAIL OF THE BUDGET ESTIMATE OF ORIGINAL WORKS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.
Accommodation for troops—				MILITARY.
Buildings for European troops on the plains.				*Barracks for European Artillery.*
European Artillery—				
(4) Auxiliary accommodation.	Trichinopoly...	Trichinopoly...	1	New latrine according to the standard plan for men of the Royal Artillery (B).
				Barracks for European Cavalry, project known as the Race Course Barracks Scheme.
European Cavalry—				
(3) Hospital accommodation.	Bangalore ...	Bangalore ...	2	Hospital Serjeant's quarters for 3rd Pavilion Race Course (B).
(4) Auxiliary accommodation.	Do. ...	Do. ...	3	Plunge Bath for the Cavalry (B) .. .. ..
European Infantry—				
(4) Auxiliary accommodation.	Bellary ...	Bellary ...	4	Double latrine for the European Infantry Regiment (B).
Buildings for Officers in the plains—				*Buildings for Officers.*
(1) Officers' quarters.	Calicut ...	Calicut ...	5	Asphalting verandahs and boarding floors of Officers' quarters at West Hill (B).
Buildings for troops on the Hills—				Buildings for the Convalescent Depôt ...
(2) Barracks and Out-offices for married men.	Nilgiris ...	Wellington ...	6	Completing the 3rd Block, Married quarters (B) ..
(3) Hospital accommodation.	Do. ...	Do. ...	7	Additions to the Hospital Guard-room for prisoners (B)..
Buildings for Native troops on the plains, Native Infantry—				
(4) Auxiliary accommodation.	Tinnevelly ...	Palamcottah ...	8	*Buildings for Native Infantry.*
				Latrines for males and females in the lines of the 24th Regiment, Native Infantry, with earth store and cart shed (B).
	Palghat ...	Quilon ...	9	Latrine for Native Infantry Regiment with well (B).
	Bangalore ...	Bangalore ...	10	Latrines for the Sappers and Miners, two for males and two for females (B).
Ordnance works—				
(1) Central Manufacturing Establishments.	Presidency ...	Veysarpaudy.	11	Additional group of incorporating mills for the Gunpowder Factory (A).
(2) Arsenals and store-yards.	Bangalore ...	Bangalore ...	12	Providing racks in the Ordnance Gunpowder Magazine (B).
(3) Quarters for subordinates.	Presidency ...	Veysarpaudy.	13	Enlarging existing quarters for Millmen and Supervisors for residence of Master Worker and Master Refiner at the Gunpowder Factory (B).
				Carried over ...

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OF MADRAS.

I.

IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79.

Amount of Estimate.	Outlay.		Grant, 1878-79.		Item No.	Remarks and References.
	Actual to end of 1876-77.	Probable during 1877-78.	Normal.	Special.		
Rs.	Rs.	Rs.	Rs.	Rs.		
2,780	...	...	...	2,780	1	G.O., No. 26 W, of 4th January 1878.
5,98,240	6,16,402	...				
5,700	..	..	..	5,700	2	G.O., No 573, of 27th February 1871, and No. 683 of 10th March 1875. Item No. 5 of Class C works of Budget of 1877-78.
..	..	..	..	5,300	3	Estimate awaited.
...	...	...	...	3,000	4	Estimate awaited.
2,700	...	...	2,700	...	5	G.O., No. 1,866, of 3rd July 1875. Item No. 2 of Class C works of Budget of 1877-78.
3,94,057	3,33,308	...				
3,720	..	..	..	3,720	6	G.O., No. 457 W, of 20th July 1877.
4,590	..	..	..	4,590	7	G.O., No. 457 W, of 20th July 1877.
...	...	...	2,600	...	8	Estimate awaited.
...	...	...	3,150	...	9	Estimate awaited.
...	...	...	5,040	...	10	Do.
54,010	...	40,000	...	14,000	11	G.O., No. 655 W, of 27th August 1877. Item No. 8 of Budget of 1877-78.
2,560	...	...	...	2,560	12	G.O., No. 2,625, of 28th October 1873. Item No. 6 of Class C works of Budget of 1877-78.
10,170	...	...	...	5,000	13	G.O , No. 73, of 12th June 1871.
...	...	...	13,490	46,650		

IMPERIAL.
BUILDINGS AND ROADS.

GOVERNMENT

Part

DETAIL OF THE BUDGET ESTIMATE OF ORIGINAL WORKS,

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.
				Brought forward ...
Staff and Miscellaneous.	Bangalore ...	Bangalore ...	14	School-houses and furniture for four Native Infantry Regiments (*B*).
Genl. Cant. Works. Water-supply ...	Bellary ...	Bellary ...	15	Water-supply Project (*A*) ... ...
	...	...	...	Scheme for supplying Bangalore with water.
	Bangalore ...	Bangalore ...	16	Additional works in connection with Ulsoor Water-supply Project (*A*).
	Do. ...	Do. ...	17	Improvements to Dumloor Tank (*B*) ...
	Nilgiri ...	Wellington ...	18	Drinking water supplied to be conveyed in pipes from outlet to the lower story of each block of barracks (*B*).
Drainage and clearances.	Bellary ...	Bellary ...	19	Drainage of the married quarters of the European Regiment (*B*)
	Nilgiri ...	Wellington ...	20	Stone drains to receive water from the pipes to prevent the removal of earth from the foundation of the barracks (*B*).
	Bangalore ...	Bangalore ...	21	Drainage of Native Infantry Lines (*A*) ...
	Do. ...	Do. ...	22	Lining with stone drains east and west of E. I. Barrack limits (*B*).
	Do. ...	Do. ...	23	Drainage of Royal Horse Artillery Barracks (*B*)
Minor Works ...	...	...	24	Minor Works (*B*) ... ...
				Total, Military ...
				Other Services.
				Civil Buildings.
Postal	Tanjore ...	Combaconum...	25	New Post Office
Minor Works ...	...	...	26	Minor Works ... ...
				Total, Postal Buildings ...
Telegraph—				
Minor Works ...	...	...	27	Minor Works ... ...
				Total, Telegraph Buildings...
Salt	Vizianagaram.	Kuppily ...	28	Constructing Salt Superintendent's Katcheri.
	Do. ...	Karassa ...	29	Constructing a tiled building and a raised ground near the platform for the protection of the Salt Establishment during floods.
				Carried over ...

MADRAS.

OF MADRAS.

1.

IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79.—*(Continued.)*

Amount of Estimate.	Outlay. Actual to end of 1876-77.	Outlay. Probable during 1877-78.	Grant, 1878-79. Normal.	Grant, 1878-79. Special.	Item No.	Remarks and References.
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	13,490	46,650		
4,800	...	...	...	4,800	14	G.O., No. 3,354, of 23rd November, and No. 151 of 18th December 1875.
1,47,628	1,31,670	1,000	...	9,000	15	G.O., No. 3,118, of 2nd November 1874. Item No. 10 of Budget of 1877-78.
3,78,976	2,86,952	12,500				
66,598	..	12,500	..	40,000	16	Sanctioned by the Government of India, Register No. 35 M W of 1877-78. G.O., No. 589 W, of 16th August 1877. Item No. 9 of do.
20,000	...	...	...	10,000	17	Detailed estimate awaited. Approximate estimate approved in G.O., No. 524, of 25th February 1876.
...	...	...	...	8,000	18	Estimate awaited.
4,810	...	...	4,810	...	19	G.O., No. 821 W, of 1st October 1877.
...	...	...	...	4,000	20	Estimate awaited.
14,400	6,670	3,000	5,000	...	21	G.O., No. 126, of 26th May 1873. Item No. 7 of Class C works of Budget of 1877-78.
...	...	...	4,000	...	22	Estimate awaited.
...	...	...	4,400	...	23	Do.
...	...	...	1,87,850	...	24	
...	...	...	2,19,550	1,22,450		
			3,42,000			
				Total for each head.		
...	...	...	4,000	...	25	Estimate awaited.
...	...	...	9,000	...	26	
...	...	...	...	13,000		
...	...	...	10,000	...	27	
...	...	...	...	10,000		
2,790	...	...	2,500	...	28	Proceedings of the Board of Revenue, No. 4,728, of 28th May 1875.
...	...	...	2,500	...	29	Estimate awaited.
...	...	...	5,000	23,000		

IMPERIAL.
BUILDINGS AND ROADS.

GOVERNMENT OF MADRAS.

MADRAS.

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Part I.

DETAIL OF THE BUDGET ESTIMATE FOR ORIGINAL WORKS IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79—(*Continued*).

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1876-77.	Outlay. Probable during 1877-78.	Grant, 1878-79. Normal.	Grant, 1878-79. Total for each Head.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...				5,000	23,000		
Salt	Vizianagram...	Kanada ...	30	Masonry head sluice at the mouth of the supply channel.	...	...	...	2,000	...	30	Estimate awaited.
	Kistna, Eastern Delta.	Chinnaganjam.	31	Police lines	...	...	...	2,000	...	31	Do.
	Do. ...	Nizampatam ...	32	Do.	...	...	...	2,000	...	32	Do.
	Masulipatam .	Pondraca ...	33	Do.	...	...	...	2,000	...	33	Do.
	Kistna, Eastern Delta.	Nizampatam...	34	Improvements to the Salt Kacheri	...	...	...	2,000	...	34	Do.
	Do. ...	Chinnaganjam.	35	Salt Cutcherry	4,200	498	1,013	2,000	...	35	Do.
	Nellore Southern.	Dugrazapatam.	36	Constructing new Police lines for the Salt guard.	...	...	...	2,000	...	36	G.O., No. 3,428, of 3rd December 1875; Board's Proceedings, No. 7,017, of 4th August 1875.
	Do. Northern	Beerungunta...	37	Making an approach to the north platform ...	...	...	...	2,000	...	37	Estimate awaited.
	Do. ...	Do. ...	38	Do. from Beerungunta to Devarampadu.	...	...	...	2,000	...	38	Do.
	Do. ...	Do. ...	39	Palisade with stone pillars in chunam and palmyrah rails to three salt platforms.	...	...	...	2,000	...	39	Do.
	Tindivanam ...	Merkanam ...	40	Completing Pulyankal catch drain	4,985	561	3,900	1,000	...	40	G.O., No. 1,274, of 4th April 1877. Item No. 18 of Budget of 1877-78.
	Nagapatam ...	Vadarniem ..	41	Improving the Vadarniem canal	10,000	...	7,000	3,000	...	41	G.O., No. 755, of 20th September 1877. Item No. 19 of Budget of 1877-78.
	Manargudi ...	Adrampatam.	42	Huts for One Head Constable and 14 Constables.	7,950	1,597	2,000	4,350	...	42	G.O., No. 1,391, of 5th June 1876.
	Nagapatam ...	Vadarniem ...	43	Do. for Two do. and 19 do.	...	...	...	2,000	...	43	Estimate awaited.
	Do. ...	Cuthmavady...	44	Do. for One do. and 9 do.	5,540	...	...	2,500	...	44	G.O., No. 813 W, of 18th February 1877.
		...	45	Constructing a bridge on the road No. 36 over the extension of the Vadarniem Canal.	...	...	...	2,000	...	45	Do. do.
	Madura ...	Muthureguma thapatam, Vyravanadapatam, Attengarai and Morecolam.	46	Masonry buildings for Salt Division offices, each at Rupees 1,900.	...	...	...	2,000	...	46	Proceedings of the Board of Revenue, No. 9,023, of 5th October 1875, No. 854 of 28th March 1876, and No. 4,316 of 26th May 1876.
	Do. ...	Morecolam ...	47	Construction of tunnels and side dams in the cross road from Morecolam Salt station to the road between Madura and Ramnad.	3,450	...	...	2,000	...	47	Proceedings of the Board of Revenue, No. 3,414, of 26th April 1875.
	Do. ...	Attengarai ...	48	Cutting a channel from the sea to the pans for supplying sea water for the manufacture of salt.	...	...	...	2,000	...	48	Estimate awaited.
Minor Works	...	...	49	Minor Works	...	...	...	11,668	...	49	
				Total, Salt Works ...					*57,518		
				Total, *Civil Buildings* ...	...	...	...	...	80,518		
				Miscellaneous Public Improvement.							
Light Houses ...	Kistna, Eastern Delta.	False Point	50	Construction of beacon	...	...	...	5,000	...	50	Do.
Minor Works ...	Tinnevelly ...	Divi.	51	Do. of light-house	...	...	...	15,000	...	51	Do.
	...	Muttum ...	52	Minor Works	...	...	...	1,000	...	52	
				Total, *Miscellaneous Public Improvements* ...	...	...	...	...	21,000		
				Total, *Other Services* ...	...	...	...	...	1,01,518		

* Rupees 2,482 charged under suspense.

GOVERNMENT OF MADRAS.

Part I.—concluded.

ABSTRACT OF THE CHARGES PROVIDED IN PART I.

	Imperial Funds.	Contributions.	Total.
	Rs.	Rs.	Rs.
Military	3,42,000	...	3,42,000
Other Services—			
Civil Buildings 80,518	...	...	...
Do. Miscellaneous Public Improvements... 21,000			
	1,01,518	...	1,01,518
Total ...	4,43,518	...	4,43,518

GOVERNMENT OF MADRAS.

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Part II.

DETAIL OF THE BUDGET ESTIMATE FOR REPAIRS, IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79.

Head of Classification.	Division.	Locality.	Items.	Estimate, 1878-79.		Estimate, 1877-78.	
				Amount.	Total.	Amount.	Total.
			Military.	Rs.	Rs.	Rs.	Rs.
Accommodation for Troops—Buildings for European Troops on the plains. European Infantry.	Bangalore.	...	Annual repairs... ...	15,000			
	Bellary ...	...	Do.	8,000			
	Calicut ...	...	Do.	2,450			
	Cannanore.	...	Do.	5,000			
	Ernaad ...	...	Do.	2,450			
	Mount ...	...	Do.	1,800			
	Presidency.	...	Do.	5,000			
	Trichinopoly.	...	Do.	2,000			
	Vizianagram.	...	Do.	150			
					41,850		37,850
European Artillery.	Bangalore.	...	Do.	8,000			
	Bellary ...	...	Do.	3,000			
	Cannanore.	...	Do.	1,000			
	Mount ...	...	Do.	6,000			
	Presidency.	...	Do.	1,000			
	Trichinopoly.	...	Do.	3,000			
					22,000		21,000
European Cavalry.	Bangalore.	...	Do.	8,500			
					8,500		8,500
Buildings for Native Troops on the plains—Native Infantry.	Bangalore.	...	Do.	4,500			
	Bellary ...	...	Do.	2,000			
	Cannanore.	...	Do.	2,000			
	Mangalore.	...	Do.	600			
	Mount ...	...	Do.	800			
	Presidency.	...	Do.	3,000			
	Shermadevi.	...	Do.	500			
	Tinnevelly	...	Do.	400			
	Trichinopoly	...	Do.	1,000			
	Vellore ...	...	Do.	1,500			
	Vizianagram.	...	Do.	500			
	Walaja ...	...	Do.	500			
					17,300		19,640
Native Cavalry.	Bellary ...	...	Do.	400			
	Presidency.	...	Do.	3,000			
					3,400		500
Accommodation for Troops—Buildings for officers.	Calicut ...	...	Do.	100			
	Ernaad ...	...	Do.	100			
	Mount ...	...	Do.	1,000			
	Presidency.	...	Do.	2,500			
					3,700		1,200
			Carried over...	...	96,750	...	88,690

GOVERNMENT OF MADRAS.

PART II.—continued.

DETAIL OF THE BUDGET ESTIMATE FOR REPAIRS, IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79—(*Continued*).

Head of Classification.	Division.	Locality.	Items.	Estimate, 1878-79. Amount.	Estimate, 1878-79. Total.	Estimate, 1877-78. Amount.	Estimate, 1877-78. Total.
			Military—(*Contd.*) *Brought forward* ...	Rs. ...	Rs. 96,750	Rs. ...	Rs. 88,690
Rest-houses.	Coimbatore.	...	Annual repairs ...	400			
	Do. Irrigation.	...	Do.	300			
	Walaja ...	...	Do.	100			
	Bangalore.	...	Do.	1,100	800	———	450
	Bellary	...	Do.	500			
	Berhampore.	...	Do.	100			
Ordnance Works—	Cannanore.	...	Do.	100			
	Mount ...	...	Do.	1,000			
	Presidency.	...	Do.	4,000			
	Trichinopoly.	...	Do.	300			
	Vellore ...	...	Do.	100			
	Vizianagram.	...	Do.	100			
	Bangalore.	...	Do.	5,400	7,300	———	7,100
	Bellary ...	...	Do.	400			
	Calicut ...	...	Do.	100			
	Cannanore.	...	Do.	200			
	Ernaad ...	...	Do.	100			
Commissariat buildings.	Mount ...	...	Do.	500			
	Presidency	...	Do.	3,500			
	Trichinopoly.	...	Do.	350			
	Vellore ...	...	Do.	100			
	Vizianagram.	...	Do.	100			
	Walaja ...	...	Do.	90	10,840	———	7,150
	Bangalore.	...	Do.	5,500			
	Bellary ...	...	Do.	2,400			
	Berhampore.	...	Do.	500			
	Calicut ...	...	Do.	100			
	Cannanore.	...	Do.	200			
	Ernaad ...	...	Do.	100			
Staff and Miscellaneous.	Hospett ..	...	Do.	2,010			
	Mount ...	...	Do.	2,500			
	Nilgiri ...	...	Do.	12,288			
	Oossoor...	...	Do.	2,150			
	Presidency	...	Do.	9,100			
	Trichinopoly.	...	Do.	850			
	Vizianagram.	...	Do.	150			
				———	37,848	———	43,818
			Carried over ...	...	1,53,538	...	1,47,208

*Inclusive of Rupees 6,000 sanctioned for repairs to Lawrence Asylum buildings at Ootacamund in G.O., No. 1,919 W, of 3rd December 1877.

GOVERNMENT OF MADRAS.

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PART II—continued.

DETAIL OF THE BUDGET ESTIMATE FOR REPAIRS, IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79—(*Continued*).

Head of Classification.	Division.	Locality.	Items.	Estimate, 1878-79. Amount.	Estimate, 1878-79. Total.	Estimate, 1877-78. Amount.	Estimate, 1877-78. Total.
			Military—(*Continued*).	Rs.	Rs.	Rs.	Rs.
			Brought forward ...	...	1,53,538	...	1,47,208
General Cantonment Works, Water Supply.	Bellary ...	...	Annual repairs	1,660			
				———	1,660	———	1,660
Fortifications.	Presidency	...	Do.	10,400			
				———	10,400	———	10,400
Ordinary Maintenance. Charges of Cantonment Roads.	Bangalore.	...	Do.	6,858			
	Bellary ...	...	Do.	4,660			
	Berhampore.	...	Do.	150			
	Cannanore	...	Do.	1,000			
	Mangalore.	...	Do.	150			
	Mount ...	...	Do.	3,350			
	Nilgiri ...	...	Do.	1,320			
	Presidency	...	Do.	8,500			
	Shermadevi.	...	Do.	400			
	Trichinopoly.	...	Do.	1,188			
	Vellore ...	...	Do.	1,110			
	Vizianagram.	...	Do.	2,060			
				———	30,746	———	29,426
Rents of Buildings for accommodation of Subordinates as well as compensation. for rent of quarters.	Bangalore.	...	Military Subordinates ...	7,000			
	Bellary ...	...	Do. ...	1,500			
	Berhampore.	...	Do. ...	50			
	Calicut ...	...	Do. ...	240			
	Cannanore.	...	Do. ...	1,500			
	Ernaad ...	...	Do. ...	380			
	Mount ...	...	Do. ...	4,700			
	Oossoor ...	...	Do. ...	850			
	Presidency	...	Do. ...	8,000			
	Tinnevelly	...	Do. ...	84			
	Trichinopoly.	...	Do. ...	3,200			
	Vellore	...	Do. ...	250			
	Vizianagram.	...	Do. ...	1,920			
				———	29,674	———	30,704
	Bangalore.	...	Medical Subordinates ...	3,000			
	Berhampore.	...	Do. ...	50			
			Carried over...	3,050	2,26,018	...	2,25,398

GOVERNMENT OF MADRAS.

Part II—continued.

DETAIL OF THE BUDGET ESTIMATE FOR REPAIRS, IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79—(*Continued*).

Head of Classification.	Division.	Locality.	Items.	Estimate, 1878-79. Amount.	Estimate, 1878-79. Total.	Estimate, 1877-78. Amount.	Estimate, 1877-78. Total.
				Rs.	Rs.	Rs.	Rs.
			Brought forward ...	3,050	2,26,018	...	2,25,398
			Military—(*Concluded*).				
Rent of buildings for accommodation of subordinates as well as compensation for rent of quarters—(*Contd.*)	Bellary ...	...	Medical Subordinates ...	1,400			
	Calicut ...	...	Do. ...	240			
	Cannanore.	...	Do. ...	1,000			
	Hospett ...	...	Do. ...	70			
	Mount Nilgiri ...	...	Do. ...	2,000			
	Palghaut.	...	Do. ...	600			
	Presidency	...	Do. ...	240			
	Trichinopoly.	...	Do. ...	7,000			
	Vellore ...	...	Do. ...	800			
		...	Do. ...	250			
					16,650		9,650
	Presidency	Madras ...	Held at the disposal of Government		2,42,668	...	2,35,048
			Total, Military ...	...	2,50,000	...	2,50,000
			Other Services—*Civil Buildings.*				
Postal ...	Presidency.	...	Reserve at the disposal of Government	5,000			
Telegraph ...	Do. ...	...	Do. do. ...	5,000	5,000		2,500
Salt ...	Madura ..	...	Annual repairs to Depôt and Superintendent's Kacheri ..	150			
	Siruloor...	...	Imperial share of maintenance of Buckingham Canal within Chingleput limits, based on the average expenditure of the past five years	7,000			
	Nagapatam	...	Do. Vadarniem do. ...	5,400			
	Presidency	...	Reserve at the disposal of Government	7,450			
					20,000		13,000
			Total, *Civil Buildings* ...	...	30,000		18,000
			Carried forward ...	...	30,000	...	18,000

GOVERNMENT OF MADRAS.

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Part II—continued.

DETAIL OF THE BUDGET ESTIMATE FOR REPAIRS, IMPERIAL BUILDINGS AND ROADS, FOR THE YEAR 1878-79—(*Continued*).

Head of Classification.	Division.	Locality.	Items.	Estimate, 1878-79. Amount.	Estimate, 1878-79. Total.	Estimate, 1877-78. Amount.	Estimate, 1877-78. Total.
				Rs.	Rs.	Rs.	Rs.
			Brought forward ...	...	30,000	...	18,000
			Miscellaneous Public Improvements.				
Light-houses.	Berhampore.	Poondy...	Repairs to Obelisks	150			
		Bavanapad	Do.	50			
		Sonapore.	Repairs to flag-staff	150			
	Godavery Eastern Delta.	Hope Island.	Do. to light-house ...	200			
	Madura ...	Paumben.	Do. ...	200			
	Nellore, Southern.	Armughem	Do. ...	200			
	Siruloor...	Pulicat ...	Do. ...	200			
	Tinnevelly.	Muttam ..	Do. ...	100			
			Total, *Miscellaneous Public Improvements* ...	...	1,250		1,000
			Total, Other Services...	...	31,250	...	19,000

GOVERNMENT OF MADRAS.

Part II—continued.

ABSTRACT BY DIVISIONS OF THE GRANTS PROVIDED ABOVE.

DIVISIONS.

Head of Classification.	Bangalore.	Berhampore	Bellary.	Bezwada.	Cuddalore.	Cuddapah.	Calicut.	Cannanore.	Caroor.	Chicacole.	Coimbatore.	Coimbatore, Irrigation.	Dindigul.	Godavery, Eastern Delta	Goloconda.	Guntur.	Gooty.	Hospett.	Kurnool.	Madura.	Mayaveram.	Mangalore.	Masulipatam.	Mayaveram.	Mount.	Negapatam.
Military.																										
Accommodation for Troops.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Buildings for Troops on the plains—																										
European Infantry ...	...										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
European Artillery ...	15,000		8,000								...	...	...	...	...	...	...	...	...	...	...	...	...	1,800	...	...
European Cavalry ...	8,000	...	3,000	...	...	...	2,450	5,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,000	...	...
Native Infantry ...	8,500	...	...	...	...	...	...	1,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Native Cavalry ...	4,500	...	2,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	600	...	...	800	...
Buildings for Officers ...	...	...	400	...	...	...	...	2,000	...	...	400	300	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rest-houses ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,000	...	...
Ordnance Works ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Commissariat Buildings ...	...	...	...	...	...	...	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,000	...	...
Staff and Miscellaneous ...	1,100	100	500	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
General Cantonment Works, water-supply ...	5,400	...	400	...	...	...	...	100	...	...	...	...	...	...	...	...	...	2,010	...	...	...	...	...	2,500	...	...
Ordinary maintenance charges of Cantonment roads ...	5,500	500	2,400	...	...	...	100	200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fortifications ...	...	...	1,660	...	...	...	100	200	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rent of buildings for accommodation of subordinates, as well as compensation for rent of quarters. Military Subordinates ...	6,858	150	4,660	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medical Subordinates ...	...	...	...	...	...	...	...	1,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Held at the disposal of Government ...	7,000	50	1,500	...	...	...	240	1,500	...	...	...	...	...	...	...	...	...	...	...	...	...	150	...	...	3,350	...
	3,000	50	1,400	...	...	...	240	1,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total, Military ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,700	...	...
	64,858	850	25,920	...	...	...	3,230	12,000	...	...	400	300	...	...	...	...	...	2,080	...	...	...	750	...	...	23,650	...
Other Services.																										
Civil Buildings.																										
Civil Buildings, Postal ...	...										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do., Telegraph ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do., Salt ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total, Civil Buildings ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous Public Improvements, Light-houses.	...	350	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150	...	...	...	...	...	5,400
Total, Miscellaneous Public Improvements ...	...	350	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150	...	...	...	...	...	5,400
Total, Other Services ...	...	350	...	...	...	...	...	...	...	...	...	...	200	...	...	...	...	...	...	200	...	...	...	...	...	...
Total, Imperial ...	64,858	1,200	25,920	...	...	...	3,230	12,000	...	...	...	...	...	200	...	...	...	...	...	200	...	...	...	...	...	...
											...	...	200	...	...	...	...	...	...	350	...	...	...	...	...	5,400
											400	300	...	200	...	...	...	2,080	...	350	...	750	...	...	23,650	5,400

GOVERNMENT

Part

ABSTRACT BY DIVISIONS OF THE

DIVI

Head of Classification.	Nandial.	Nandigama.	Nellore, South-ern.	Nilgiri.	Palghaut.	Pennakonda.	Presidency.	Rajahmundry.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Military.								
Accommodation for Troops.								
Buildings for troops on the plains—								
European Infantry	...	...	...	...	...	...	5,000	...
European Artillery	...	...	...	...	...	...	1,000	...
European Cavalry	...	...	...	...	...	...	...	...
Native Infantry	...	...	...	...	...	...	3,000	...
Native Cavalry	...	...	...	...	...	...	3,000	...
Building for Officers	...	...	...	...	...	...	2,500	...
Rest-houses	...	...	...	...	...	...	...	...
Ordnance Works	...	...	...	...	...	...	4,000	...
Commissariat Buildings	...	...	...	...	...	...	3,500	...
Staff and Miscellaneous	...	...	...	...	...	...	9,100	...
General Cantonment Works, water-supply	...	...	...	12,288	...	...	...	...
Ordinary maintenance charges of Cantonment roads	...	...	...	...	...	...	...	...
Fortifications	...	...	...	1,320	...	...	8,500	...
Rent of buildings for accommodation of sub-ordinates, as well as compensation for rent of quarters. — Military Sub-ordinates ...	...	...	...	...	...	...	10,400	...
Rent of buildings for accommodation of sub-ordinates, as well as compensation for rent of quarters. — Medical Sub-ordinates ...	...	...	...	...	...	...	8,000	...
Held at the disposal of Government ...	...	...	...	600	240	...	7,000	...
Total, Military ...	...	...	...	14,208	240	...	72,332	...
Other Services.								
Civil Buildings, Postal	...	...	...	...	...	...	*5,000	...
Do., Telegraph	...	...	...	...	...	...	*5,000	...
Do., Salt	...	...	...	...	...	...	*7,450	...
Total, Civil Buildings ...	...	...	...	...	...	...	17,450	...
Miscellaneous Public Improvements, Light-houses.	...	...	200	...	...	...	...	...
Total, Miscellaneous Public Improvements ...	...	...	200	...	...	...	...	...
Total, Other Services ...	...	...	200	...	...	...	17,450	...
Total, Imperial ...	...	...	200	14,208	240	...	89,782	...

* At the disposal

II—concluded.

GRANTS PROVIDED ABOVE.

SIONS.

Salem.	Shermadevi.	Sivaganga.	Tanjore.	Tindivanam.	Tinnevelly.	Trichinopoly.	Ootacamund.	Vellore.	Vizagapatam.	Wallaja.	West Coast Canal.	Ernaad.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	...	...	...	...	...	2,000	...	...	150	...	..	2,450	11,850
...	...	...	...	...	...	3,000	...	...	...	...	...	..	22,000
...	500	...	...	...	...	...	...	...	...	...	...	...	8,500
...	...	...	...	...	400	1,000	...	1,500	500	500	...	.	17,300
...	...	...	...	...	...	...	...	...	...	...	...	...	3,400
...	...	...	...	...	...	...	..	...	...	...	...	100	3,700
...	...	...	...	...	...	...	...	...	...	100	...	...	800
...	...	...	...	...	...	300	...	100	100	...	...	...	7,300
...	...	..	...	...	...	350		100	100	90	...	100	10,840
...	.	...	...	...	...	850	2,150	...	150	...	...	100	37,848
...	400	...	...	...	...	...	...	...	...	...	...	...	1,600
...	...	...	...	...	...	1,188	...	1,110	2,060	...	...	...	30,716
...	...	...	...	...	...	...	...	...	...	...	...	...	10,400
...	...	...	...	...	84	3,200	850	250	1,920	...	...	380	29,674
...	...	...	...	...	...	800	...	250	...	...	...	...	16,650
...	...	...	...	...	...	...	...	...	...	...	...	...	7,332
...	900	...	...	...	484	12,688	3,000	3,310	4,980	690	...	3,130	2,50,000
...	...	...	...	...	...	...	...	...	...	...	...	...	5,000
...	...	...	...	...	...	...	...	...	...	...	...	...	5,000
...	...	7,000	...	...	...	...	...	...	...	...	...	...	20,000
...	...	7,000	...	...	...	...	...	...	...	...	...	...	30,000
...	...	200	...	...	100	...	...	...	...	...	...	...	1,250
...	...	200	...	...	100	...	...	...	...	...	...	...	1,250
..	...	7,200	...	...	100	...	...	...	...	...	...	...	31,250
...	900	7,200	...	...	584	12,688	3,000	3,310	4,980	690	...	3,130	2,81,250

of Government.

GOVERNMENT OF MADRAS.

Part III.

DETAIL OF THE BUDGET ESTIMATE FOR ESTABLISHMENT FOR IMPERIAL BUILDINGS AND ROADS FOR 1878-79.

			Budget Estimate, 1878-79.	Budget Estimate, 1877-78.
			Rs.	Rs.
Military.				
Works	Rs. 8,42,000			
Repairs	2,50,000			
	5,92,000	25 per cent. on the provision of Rupees 5,92,000 for Works and Repairs ...	1,48,000	1,52,000
Other Services.				
	Works. Rs.	Repairs. Rs.		
Civil Buildings	80,518	30,000		
Miscellaneous Public Improvements	21,000	1,250		
	1,01,518	31,250		
	1,32,768		25per cent. on the provision of Rupees 1,32,768 for Works and Repairs ...	33,810	17,205
Total, Military and Other Services ..			1,81,810	1,69,205

GOVERNMENT OF MADRAS.

Part IV.

DETAIL OF THE BUDGET ESTIMATE FOR TOOLS AND PLANT FOR IMPERIAL BUILDINGS AND ROADS FOR 1878-79.

	New Supplies.	Repairs.	Budget Estimate, 1878-79.	Budget Estimate, 1877-78.
		Rs.	Rs.	Rs.
Military.				
Bellary	...	100		
Berhampore	...	80		
Coimbatore	...	100		
Mount	1,000	100		
Nilgiris	...	700		
Presidency	...	140		
Reserve at the disposal of Government	5,000	2,230		
Vellore	...	50		
Vizianagaram	100	400		
	6,100	3,900	10,000	
Total, Military ...	...	...		
Other Services.				
Reserve at the disposal of Government	1,752	...		
London supplies	476	...		
	2,228	...	2,228	
Total, Other Services ...	...	...		
Total, Military and Other Services ...	...	...	12,228	17,032

GOVERNMENT OF MADRAS.

Part VI.

ABSTRACT OF THE PROBABLE INCREASE OR DECREASE IN THE SUSPENSE BALANCES OF THE DIVISIONS CLASSED AS IMPERIAL BUILDINGS AND ROADS IN THE MADRAS PRESIDENCY FOR 1878-79, AND PROVIDED FOR IN THE ORDINARY IMPERIAL BUDGET ESTIMATE OF THAT YEAR.

—	Stock.	Stock Purchases and Sales.	Miscellaneous Advances.	London Stores.	London Invoices.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Actual balance on 1st April 1877	1,90,495	1,032	15,[illegible]2	1,735	10,373	2,19,[illegible]17
Probable charge during 1877-78.	923	3,079	3,33,408	1,56,280	7,812	5,01,502
Total ...	1,91,418	4,111	3,49,390	1,58,015	18,185	7,21,119
Probable issues including sales and cash credits during 1877-78	13,923	4,111	2,83,027	1,58,015	18,185	4,77,261
Probable balance on 1st April 1878	1,77,495	...	66,363	...	...	2,43,858
Probable charges during 1878-79	8,000	9,994	1,05,200	36,676	39,493	1,99,363
Total ...	1,85,495	9,994	1,71,563	36,676	39,493	4,43,221
Probable issues including sales and cash credits during 1878-79	23,000	9,994	90,535	36,676	36,676	1,96,881
Probable balance on 1st April 1879	1,62,495	...	81,028	...	2,817	2,46,340
Probable balance on 1st April 1878	1,77,495	...	66,363	...	...	2,43,858
Result provided in the Budget for 1878-79. Increase ...	...	...	14,665	...	2,817	17,482
Decrease ...	15,000	...	...	...	...	15,000
Net ...	...	...	...	...	...	2,482

GOVERNMENT OF MADRAS.

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Appendix A.

ABSTRACT OF THE IMPERIAL GRANTS FOR 1878-79 UNDER ORDINARY IMPERIAL BUILDINGS AND ROADS ARRANGED BY DEPARTMENTS.

—	Original Works.	Repairs.	Total Works and Repairs.	Establishment.	Tools and Plant.	Stock and Suspense.	Total, 1878-79.	Total, 1877-78.
Military.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Normal	2,19,550	2,50,000	4,69,550	1,48,000	10,000	...	6,27,550	...
Special	1,22,450	...	1,22,450	...	...	...	1,22,450	...
	3,42,000	2,50,000	5,92,000	1,48,000	10,000	...	7,50,000	7,50,000
Other Services.								
Civil Buildings.								
Postal								
Telegraph	13,000	5,000	18,000					
Salt	10,000	5,000	15,000					
	57,518	20,000	77,518					
Miscellaneous Public Improvement.				33,810	2,228	2,482	1,71,288	
Light-houses	21,000	1,250	22,250					
Total...	1,01,518	31,250	1,32,768	33,810	2,228	2,482	1,71,288	87,000
Grand Total...	4,43,518	2,81,250	7,24,768	1,81,810	12,228	2,482	9,21,288	8,37,000

IMPERIAL.
BUILDINGS AND ROADS.

GOVERNMENT OF MADRAS.

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Appendix B.

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET ESTIMATE OF 1878-79, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY REAPPROPRIATION FROM CLASS B WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1876-77.	Outlay. Probable during 1877-78.	Grant, 1878-79. Normal.	Grant, 1878-79. Special.	Item No.	Remarks and References.
				Military.	Rs.	Rs.	Rs.	Rs.	Rs.		
Accommodation for troops— Buildings for European Troops on the plains.	Bangalore ...	Bangalore ...	1	Quarters for Quartermaster Sergeant, Royal Horse Artillery, Ulsoor Barracks.	4,220	...	...	...	...	1	G.O., No. 1,670, of 14th June 1875. Item No. 3 of Class C works of Budget of 1877-78.
European Artillery— (4.) Auxiliary accommodation.	Trichinopoly...	Trichinopoly...	2	Extending Barrack accommodation for Royal Artillery.	4,000	...	...	...	...	2	G.O., No. 1,871, of 24th July 1876.
(2.) Barracks and Out-offices for married men.	Cannanore ...	Cannanore ...	3	Painting doors and windows of barracks, married quarters, and out-houses.	4,430	...	...	...	...	3	G.O., No. 1,866, of 3rd July 1875. Item No. 2 of Class C works of Budget of 1877-78.
Buildings for Officers in the plains— (1.) Officers' quarters.	Bangalore ...	Bangalore ...	4	Quarters for Resident Medical Officer	5,640	...	...	...	...	4	Sanctioned by the Government of India, Register No. 16 B M of 1871-72. G.O., No. 1,681, of 23rd June 1871.
Buildings for troops on the Hills— (4.) Auxiliary accommodation.	Nilgiris ...	Wellington ...	5	Bath-rooms to wash-houses	3,120	...	...	...	...	5	G.O., No. 1,472, of 4th June 1874.
Buildings for Native troops on the plains— Native Infantry— (4.) Auxiliary accommodation.	Bangalore ...	Bangalore ...	6	Two Magazines for Native Infantry Regiments and Guard-rooms.	6,790	...	...	...	...	6	G.O., No. 219 of 26th March 1873. Revised estimate awaited.
Staff and Miscellaneous.	Do. ...	Do. ...	7	School for Royal Horse Artillery and Royal Artillery.	11,700	...	...	...	...	7	G.O., No. 1,123 W, of 19th October 1877.
Roads to the stations or lines of Military communications.	Do. ...	Do. ...	8	Construction of road from Trinity Church to Agram Barracks.	9,200	...	...	...	...	8	Sanctioned by the Government of India, Register No. 8 M W of 1874-75. G.O., No. 1,541, of 11th June 1874, and No. 683 of 10th March 1875. Item No. 8 of Class C works of Budget of 1877-78.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

21st February 1878, No. 858 W.

General.

Account.

Read the following papers :—

No. 192. Proceedings of the Government of India in the Public Works Department (Account—General), dated Fort William, 8th January 1878, Nos. 18—33 A.G.

Distribution of the Grant for Military Works for 1878-79.

Letter from Secretary to the Government of Madras, No. 825 W, dated 1st October 1877.

Resolution.—The requirements for Military Works have to be considered under two categories, viz., demands for outlay under the Inspector-General of Military Works, and those for expenditure under Local Governments and Administrations.

2. Compared with the grant allowed for 1877-78, the figures for 1878-79 may be abstracted as follows :—

	Demand, 1878-79.	Grant, 1877-78.
	Rs.	Rs.
I.—Demands for Native troops in the stations under the Public Works Department of Bengal, North-western Provinces, Punjab, Assam and Coorg	5,82,458	4,42,250
II.—Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces	94,22,625	46,27,000
III.—Demands for works under the Inspector-General of Military Works	72,64,600	72,50,600
Total ...	1,72,69,683	1,23,19,850

3. In the present resolution the demands made by the several Local Governments and Administrations will only be dealt with, the figures pertaining to the statement of requirements submitted by the Inspector-General of Military Works being, as is usual, reviewed separately. Adopting this arrangement, the following table shows how the sums of Rupees 5,82,458 and Rupees 94,22,625 = Rupees 1,00,05,083, under

heads I and II in the above abstract, as set up, arranged according to Provinces, and compared with the grant allowed for the current official year :—

Province.	DEMAND, 1878-79.								Grant for 1877-78, and Provisional allotment for 1878-79.
	Works in progress.	New Works.	Mint Works.	Repairs.	Establishment.	Tools and Plant.	Barrack Department.	Total.	
II.—*Demands for European and Native troops of the Madras and Bombay Armies, and for Native troops in other Provinces*—	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Madras	1,04,000	3,96,000	1,50,000	2,50,000	2,25,000	30,000	..	11,55,000	7,50,000

4. The demand for 1878-79 is in excess of the allotment for 1877-78 by nearly 49½ lakhs. But the grant for Military Works is rigidly fixed. It is therefore imperative that the demands for next year should be reduced so as to accord with the grant allowed for the current official year; and in this view the several Local Governments and Administrations are requested to distribute allotments equal to the grants of the current year, which are now provisionally placed at their disposal, as circumstances may require; subject to the condition that, after fully providing for the completion of works in hand and repairs, preference is to be given to works connected with—

Hospital Improvements,
Drainage, and
Water-supply.

5. In order to meet any possible necessity for reduction of expenditure, the several Budget Estimates to be submitted should be accompanied by a statement of the allotments provided for therein which could be reduced or disallowed with the least serious inconvenience. The total amount of the statement of such possible reductions must not be less than 20 per cent. of the provisional allotment.

ORDER.—Ordered that this Resolution be communicated to the Local Government of the Government of Madras. and Administration noted in the margin and to the Inspector-General of Military Works for information and guidance, and to the Military and Financial Departments for information.

(Signed) J. McLEOD-INNES, Lt.-Col., R.E.,
Deputy Secy. to the Govt. of India.

No. 193. Proceedings of the Government of India, Public Works Department, (Account—General,) dated Fort William, 9th January 1878, Nos. 36—55 A—G.

Distribution of the Imperial Grant for Other Services for 1878-79.

Letter from Secretary to Government of Madras, No. 825 W, dated 1st October 1877.

* * * * * *

RESOLUTION.—The total of the amounts demanded by the several Local Governments and Administrations for 1878-79 for the Imperial Public Works under Other Services is ... RS. 41,20,380

To this must be added the following ... :—

I.—Provision for dredging the ... arrachee Harbour, the amount asked for being ... upees 1,00,000, whereas Rupees 1,00,000 was ... the Government of India said should be provided ... ... RS. 60,000

II.—Provision for a hopper steam-dredger for the Kurrachee Harbour Works to be ordered from England (2 lakhs to be paid in 1878-79) 2,00,000

III.—Provision from Government funds as a final charge for the water works at Simla 1,00,000

IV.—Provision for Government House buildings at Simla.

	RS.
New Government House	... 1,00,000
Repairs	... 20,000
Establishment	... 50,000
	2,70,000

The total of these is 47,50,730
Whereas the grant for 1877-78 is only 32,34,950
So that there is an excess of 15,15,780
to be dealt with.

2. The Government of India is not in a position to provide for this large addition to the grant, and it is therefore necessary to reduce the demands for next year by Rupees 15,15,730. In this view the following reductions are suggested as the most advisable :—

	Works.	Establishment.	Tools and Plant.	Total.
Telegraph Buildings.	RS.	RS.	RS.	RS.
Telegraph Office at Madras	1,00,000	25,000	1,500	1,26,500
" " at Ootacamund	10,000	2,500	150	12,650
Water-supply, gas, and drainage for Signallers' quarters at Bombay	10,000	2,300	150	12,450
Telegraph Office, Commillah	12,000	2,300	180	14,680
Signallers' quarters, Jubbulpoor	10,000	2,500	150	12,650
Post Office Buildings.				
Post Office at Madras	50,000	12,500	750	63,250
Opium Buildings.				
North-western Provinces. Lump sum demand of Rupees 1,40,000 for opium works to be reduced to grant of Rupees 72,000 for current year	68,000	13,600	...	81,600
Mint Works.				
New iron railway on west side of Strand Road, Mint	23,953	5,988	358	30,299
Salt Works.				
Harigoshti Project, Madras	50,000	12,500	750	63,250
Ware-house quarters, Bhyadar	15,000	3,450	225	18,675
Water-supply, Kharaghora	50,000	11,500	650	62,150
Extension of salt store-shed at Kharaghora ...	96,000	22,080	1,440	1,19,520
Lines for Salt Establishment at Foonda ...	21,000	4,830	315	26,145
Other works in Madras the selection of which is left to the Local Government	50,000	12,500	650	63,150
Do. do. to Bombay	20,000	4,600	250	24,850

—	Works.	Establishment.	Tools and Plant.	Total.
Roorkee College Buildings.	RS.	RS.	RS.	RS.
Provision of Rupees 22,595 to be reduced to Rupees 17,000...	5,595	1,398	...	6,993
Kurrachee Harbour Works.				
Provision for ship pier not yet sanctioned by Government of India	1,50,000	34,500	2,250	1,86,750
Provision for repairs to be reduced from Rupees 60,000 to Rupees 50,000 being about the same amount as the grant for the current year	40,000	9,200	600	49,800
Light-houses.				
Provision for light-house at Muttum, Madras...	60,000	15,000	800	75,800
	8,41,548	1,98,446	11,168	10,51,162
Provision for Tools and Plant in Madras in excess of the percentage allowed	...	...	6,832	6,832
Provision for the following provinces to be reduced thus—				
for Central India by	...	...	...	2,50,000
for Rajpootana „	...	...	...	1,18,000
for Port Blair „	...	...	...	89,000
for Coorg „	...	...	...	736
	...	...	...	15,15,730

3. The reduction of Rupees 2,5[illegible]000 in the Central India demand will bring it down to ... ... RS. 4,99,000

The grant for the current year being 6,82,500

That of 1876-77 6,90,900

1875-76 6,97,000

1874-75 6,96,000

1873-74 6,96,000

The Government of India regret that [illegible] reduction should have to be made in the grant for Central India, but financial [illegible]ecessity is imperative. Besides this, the question of the source whence funds sho[illegible]t be provided for repairs of roads has still to be settled.

4. The reduction in Rajpootana wil[illegible]ring the demand down to Rupees 3,15,900, the grant for 1877-78 being Rupees [illegible]1,700. Here again reduction cannot be helped.

5. The reduction in the Port B[illegible]r demand will leave the grant at the same amount as that for the current year.

6. Statements are annexed showing the grants assigned to each province and department under operation of this Resolution. The totals of those grants, as compared with the allotments for the current official year, are shown in the following abstract:—

Provinces.	Grant now provisionally passed for 1878-79.	Grant for 1877-78.
	RS.	RS.
Madras	1,71,298	87,000

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ORDER.—Ordered that this Resolu[illegible] be communicated to the Government and Administration noted in the margin, to the Inspector-General of Military Works, and to the Superintending Engineer, Simla Imperial Circle, for information and guidance.

The Government of Madras.

Ordered also, that a copy be forwarded to the Foreign Department, and to the Agent, Governor-General, Beloochistan, for information; also to the Director-General of Telegraphs, and to the Finance Department for information, and for communication to the Director-General of Post Offices.

(Signed) J. [illegible] McLEOD-INNES, Lt.-Col., R.E.,
Deputy Secy. to Govt. of India.

Statement of Grants allowed for Public Works Other Services, Imperial, [illegible] 1878-79.

—	Amount of Estimate.	Computed Expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
POST OFFICE WORKS.	RS.	RS.	RS.	RS.	RS.	RS.
Madras—						
Post Office, Combaconum ...	...	...	4,000	...	...	
Minor Works and Repairs ...	...	...	...	9,000	5,000	18,000
TELEGRAPH WORKS.						
Madras—						
Minor Works and Repairs ...	...	...	...	10,000	5,000	15,000
SALT WORKS.						
Madras—						
Making a road from the trunk road near Kavali to Trimalapatam salt platforms	23,580	9,996	10,000	...	...	...
Constructing new Police lines for the Salt-guard, Dugarazpatam	4,200	1,498	2,700	...	...	...
Completing Palayankal catch drain	4,985	3,900	1,000	...	...	...
Improving the Vedarniem canal.	10,000	7,000	3,000	...	...	...
Huts for one Head Constable and fourteen Constables ...	7,950	3,597	3,000	...	...	...
Constructing Salt Superintendent's Cutcherry at Kuppili ...	2,790	...	2,790	...	...	...
Do. a filed building and a raised ground near the platform for protection of the Salt Establishment during the floods at Karassa	...	...	3,500	...	...	...
Pucka head sluice at the mouth of the supply channel at Kanada	...	...	2,500	...	...	...
Police lines, Chinnaganjam ...	...	...	4,580	...	...	...
Do., Nizampatam ...	...	...	3,560	...	...	...
Do., Pandraca	...	...	4,500	...	...	...
Improvements to Salt Cutcherry, Nizampatam	...	...	2,700	...	...	...
Salt Cutcherry, Chinnaganjam.	...	...	3,000	...	...	...
Making an approach to the north platform at Beerungunta ...	...	...	4,000	...	...	...
Do. from Beerungunta to Derumpanda	...	...	5,000	...	...	...
Palisade with stone pillars in chunam and palmyra rails to three salt platforms	...	...	4,000	...	...	...
Salt road from 198th mile, Great Northern road to Kunparthy.	...	...	5,000	...	...	...

Statement of Grants allowed for Public Works, Other Services, Imperial, for 1878-79—(*Contd.*)

—	Amount of Estimate.	Computed Expenditure to end of 1877-78.	Grant provisionally allowed, 1878-79.	Add for Minor Works.	Add for Repairs.	Total for each Province.
SALT WORKS—(*Continued*).						
Madras—	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Huts for Constable Vadamillu ...	...	...	3,000	...	...	...
Do. Cullum Waddy ...	...	...	2,000	...	...	...
Bridge on road over the extension of the Vedarniem canal	...	...	7,570	...	...	...
Masonry buildings for Salt Division Offices	7,600	...	7,600	...	...	...
Constructing tunnels and side dams in the cross road from Moreppolum Salt station to the road between Madura and Ramnad	3,450	...	3,450	...	...	...
Cutting a channel from the sea to the pans from supplying sea water for the manufacture of Salt at Athengarai ...	...	...	5,900	...	...	...
Minor Works and Repairs ...	...	...	...	15,650	20,000	...
Deduct reduction in grant, the selection of works to make up which is left to the Local Government	...	...	—50,000	...	...	80,000
LIGHT-HOUSES.						
Madras—						
Constructing beacon, False Point Levi	...	...	5,000	...	...	...
Light-house, Muttum	...	...	15,000	...	...	...
Minor Works and Repairs ...	...	...	...	1,000	1,250	22,250

Distribution of the grant for Other Services for 1878-79.

	Madras.
	Rs.
Postal Works	18,000
Telegraph	15,000
Salt Works	80,000
Light-houses	22,250
Establishment	33,810
Tools and Plant	2,228
	1,71,288

No. 194. From the Govt. of India, dated 11th January 1878, No. 62-83 A.—G.
No. 195. From District Engr., Ganjam, dated 29th August 1877, No. 48.
No. 196. From " " " 29th Sept. " " 67.
No. 197. From " Vizagapatam, " 5th Oct. " " ——.
No. 198. From " Godavery, " —— ——.
No. 199. From " Kistna, " 29th Sept. " " ——.
No. 200. From " Nellore, " 11th Oct. " " ——.
No. 201. From " Cuddapah, " 1st " " " ——.
No. 202. From " Kurnool, " 5th " " " ——.
No. 203. From " Bellary, " 12th Sept. " " ——.
No. 204. From " " " 23rd Oct. " " 3,048.
No. 205. From " Presidency, " 31st " " " 4,298.
No. 206. From " Chingleput, " 23rd " " " 2,985.
No. 207. From " North Arcot, " 22nd Sept. " " ——.
No. 208. From " South Arcot, " 29th " " " 131.
No. 209. From " Salem, " 18th Oct. " " ——.
No. 210. From " Bangalore, " 6th Oct. " " ——.
No. 211. From " Tanjore, " 10th Nov. " " ——.
No. 212. From " Trichinopoly, " 3rd Sept. " " ——.

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No. 213. From District Engr., Coimbatore, dated 31st Aug. 1877, No. ——.
No. 214. From " Nilgiris, " 6th Oct. " " ——.
No. 214A. From " " " 24th Dec. " " 493.
No. 214B. From " Malabar, " 27th Sept. " " ——.
No. 214C. From " South Canara, " 18th " " " ——.
No. 214D. From " Madura, " 20th " " " ——.
No. 214E. From " Tinnevelly, " 18th Oct. " " ——.
No. 214F. From Officiating President, Municipal Commission, Madras, dated 28th September 1877, No. 611.

No. 215. ORDER THEREON, 21st February 1878, No. 858 W.

In the Resolutions recorded above the Government [illegible] assignments to the several Presidencies on account of Imperial Public Works for the year 1878-79.

2. In paragraph 4 of Resolution No. 18-[illegible] A—G, dated 8th January 1878, the Government of India have left it to the Local Government to distribute the provisional grant allowed under Military as circumstances may require. The grant has accordingly been distributed as noted below.

—	Major Works.	Minor Works.	Repairs.	Establishment.	Tools and Plant.	Total.
Military	Rs. 1,54,150	Rs. 1,87,850	Rs. 2,50,000	Rs. 1,48,000	Rs. 10,000	Rs. 7,50,000
OTHER SERVICES.						
Civil Buildings. { Postal	4,000	9,000	5,000			
Telegraph ...	...	10,000	5,000			
Salt Works ...	45,850	11,668	20,000	33,810	2,228	1,[illegible]8,806
Miscellaneous Public Improvements. { Light-houses.	20,000	1,000	1,250			
Stock and Suspense	...	...	...	...	...	[illegible]82
Total...	...	...	...	...	...	9,21,28[illegible]

3. The following statement shows the distribution of the amount available for Minor Works under "Military" and "Other Services" for each district :—

Executive Division.	Military.	OTHER SERVICES. Civil Buildings. Postal.	Telegraph.	Salt Works.	Miscellaneous Public Improvements. Light houses.
	Rs.	Rs.	Rs.	Rs.	Rs.
Bangalore ...	3,000				
Bellary	2,500				
Calicut	1,000				
Cannanore	1,000				
Coimbatore	300				
Mangalore	300				
Mount	1,500				
Nilgiris	1,500				
Gossoor	200				
Presidency	5,000				
Ramandrug	500				
Tinnevelly	200				
Trichinopoly	1,700				
Vellore	300				
Vizagapatam	500				
Balance at the disposal of Government. { Presidency Division. } ...	1,68,350	9,000	10,000	11,668	1,000
Total ...	1,87,850	9,000	10,000	11,668	1,000

4. In paragraph 5 of the Government of India Resolution No. 18-33 A—G, dated 8th January 1878, a statement of proposed reductions of not less than 20 per cent. of the provisional allotment for works is called for. The amount allotted to works is Rupees 5,92,000, and 20 per cent. on this will amount to Rupees 1,18,400, to meet which the following reductions will be proposed to the Government of India:—

Budget Item—	Rs.
2. Hospital Serjeants' quarters for the third Pavilion Race Course, Bangalore	5,700
6. Completing the third block, married quarters, at Wellington ...	3,720
7. Addition to the Hospital Guard-room for prisoners at Wellington.	4,59•
12. Providing racks in the Ordnance Gunpowder Magazine, Bangalore.	2,•••
13. Enlarging existing quarters of Artillmen and Supervisors for resident Master Worker and Master Refiner at the Gunpowder Factory, Madras	5,000
14. School-house and furniture for four Native Infantry Regiments at Bangalore	4,800
15. Water-supply Project at Bellary	4,000
16. Additional works in connection with Ulsoor Water-supply Project.	20,000
17. Improvements to Dumloor tank, Bangalore	10,000
18. Drinking water-supply to be conveyed in pipes from outlet to the lower story of each block of barracks at Wellington	2,150
24. Minor works	55,880
Total ...	1,18,400

5. The grant for establishments under "Military and Other Services, Imperial," is Rupees 1,81,810. The grants from other sources will be shown in the orders reviewing the Provincial Budget.

6. The allotment for "Tools and Plant" is Rupees 12,228.* Out of this allotment, Rupees 476 are required for London supplies, leaving a balance of Rs. 11,752, which has been distributed as shown in Part IV of the Budget.

	Rs.
* Military	10,000
Other Services	2,228
	12,228

7. The amount applied† for by the District Engineer, Presidency, under "Tools and Plant, Imperial, Other Services," is excessive. After providing Rupees 476 for London supplies, the balance of the grant under this head has been reserved by Government for appropriation as occasion arises.

† G.O., No. 231 W, of 14th January 1878.

8. District Engineers will be careful that, as in the case of other Public Works, no Salt Works for which funds have been provided in the Budget are carried out without first submitting the necessary plans and estimates for the sanction of Government. They should at the same time take the necessary steps to have plans and estimates prepared and sanctioned in ample time to admit of the utilization of the Budget appropriations within the official year.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To all District Engineers.
To the Examiner of Public Works Accounts.
" Consulting Architect.
" Military Department.
" Financial "
" Revenue "
" Board of Revenue.
" Accountant-General
" Postmaster-General.
" Superintendent of Telegraphs.
Exd. E. C. Shunker.
20 Spare Copies

Revenue Deptt
No 1284

GENERAL
ACCOUNT.

Govt. of {1878} Madras.

PUBLIC WORKS.

To

All DISTRICT ENGINEERS,

&c., &c., &c.

Dated February 21st.

Issued

Rect. 21 March Encl. 1.

G. O., 21st February 1878, No. 869 W.

FEBRUARY.

Nos. 192-209.

Imperial Budget Estimate (Buildings and Roads Branch) for 1878-79.—Passing orders on the —.

No 773
Lodged
25 March