

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

PUBLIC WORKS DEPARTMENT.

PROVINCIAL SERVICE BUDGET-ESTIMATE

OF THE

PUBLIC WORKS DEPARTMENT

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1880-81.

FORT ST. GEORGE,
9th March 1880.

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

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

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PROVINCIAL SERVICES. REVENUE. MADRAS.
PUBLIC WORKS BUDGET-ESTIMATE.
GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF PROVINCIAL SERVICES PUBLIC WORKS REVENUE IN MADRAS
FOR THE YEAR 1880-81.

BUDGET-ESTIMATE OF THE REVENUE THAT WILL BE REALISED BY, AND ON ACCOUNT OF, PROVINCIAL SERVICES
OF THE PUBLIC WORKS DEPARTMENT IN MADRAS FOR THE YEAR FROM 1st APRIL 1880 TO 31st MARCH 1881.

	BUDGET ESTIMATE, 1880-81.	BUDGET ESTIMATE, 1879-80.	REGULAR ESTIMATE, 1879-80.
	Rs.	Rs.	Rs.
Realised in the Public Works Department	1,33,000	80,000	1,54,000
Total ...	1,33,000	80,000	1,54,000

PROVINCIAL SERVICES. MADRAS.
PUBLIC WORKS BUDGET-ESTIMATE.
GOVERNMENT OF MADRAS.

BUDGET-ESTIMATE OF EXPENDITURE ON PUBLIC WORKS FROM PROVINCIAL
SERVICES IN MADRAS FOR THE YEAR 1880-81.

ABSTRACT OF THE ESTIMATED EXPENDITURE FOR PUBLIC WORKS UNDER PROVINCIAL SERVICES IN MADRAS FOR
THE YEAR FROM 1st APRIL 1880 TO 31st MARCH 1881.

	REFERENCE TO DETAILED ESTIMATE.	BUDGET ESTIMATE, 1880-81.	BUDGET ESTIMATE, 1879-80.	REGULAR ESTIMATE, 1879-80.
ORIGINAL WORKS.				
	PAGES.	Rs.	Rs.	Rs.
CIVIL BUILDINGS	4 to 7	* 5,51,399	7,86,914	2,67,583
COMMUNICATIONS	6 & 7	1,76,200	89,931	64,993
MISCELLANEOUS PUBLIC IMPROVEMENTS INCLUDING REFUND TO CAPITAL PRODUCTIVE GRANT ON ACCOUNT OF MADRAS WATER-SUPPLY AND IRRIGA- TION EXTENSION PROJECT	6 & 7	1,00,000	1,00,000	124
		8,27,599	9,76,845	3,32,700
REPAIRS.				
CIVIL BUILDINGS	15	† 31,050	1,89,410	† 1,09,500
COMMUNICATIONS	15 & 16	‡ 34,053	1,04,104	88,160
MISCELLANEOUS PUBLIC IMPROVEMENTS	16	2,000	2,000	1,840
		67,103	2,95,514	1,99,500
TOTAL WORKS AND REPAIRS.				
CIVIL BUILDINGS		5,82,449	9,76,324	3,77,083
COMMUNICATIONS		2,10,253	1,94,035	1,53,153
MISCELLANEOUS PUBLIC IMPROVEMENTS		1,02,000	1,02,000	1,964
		8,94,702	12,72,359	5,32,200
ESTABLISHMENT	17 to 27	3,02,919	6,39,718	10,81,400
TOOLS AND PLANT	28 & 29	26,540	13,160	74,500
STOCK AND SUSPENSE	30	22,839	49,763	69,900
		12,47,000	19,75,000	16,09,000

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

	1880-81.						BUDGET ESTIMATE, 1879-80.	REGULAR ESTI- MATE, 1879-80.
	ORIGINAL WORKS.	REPAIRS.	ESTAB- LISH- MENT.	TOOLS AND PLANT.	STOCK AND SUSPENSE.	TOTAL.	Rs.	Rs.
PROVISION FROM PRO- VINCIAL SERVICES—	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	8,27,599	67,103	3,02,919	1,68,621	22,839	13,89,081	20,86,151	16,89,481
In England ...	..	..	..	28,000	..	28,000	48,206	25,513
Total as above ...	8,27,599	67,103	3,02,919	1,96,621	22,839	14,17,081	21,34,357	17,14,994
PROVISION FROM CON- TRIBUTIONS—								
In India ...	..	..	..	1,70,081	..	1,70,081	1,59,357	1,05,994
Grand Total ...	8,27,599	67,103	3,02,919	26,540	22,839	12,47,000	19,75,000	16,09,000

* Includes the Reserve of Rs. 2,03,829 and Rs. 26,000 (a) for Cinchona buildings.

† Includes Rs. 22,000 (b) for repairs to Tanjore Palace.

(a & b) Government of India Resolution No. 110—22 of 4th March 1880.

‡ Excludes Rs. 64,550 for maintenance of the Buckingham Canal, which amount is provided from what was once called the "Cochrane's and Sadras Canal Fund," now transferred to the credit of Provincial on behalf of the Buckingham Canal.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT

PART

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISIONS.	LOCALITY.	ITEM No.	PROJECT AND WORKS.
PROVINCIAL ORDINARY.				
CIVIL BUILDINGS.				
Original Works.				
Provincial Services—Imperial Administration.	Vizagapatam...	Párvatipur ...	1	Senior Assistant Collector's Cutcherry ...
	North Arcot ...	Chittoor ...	2	Constructing an office for the Assistant Collector attached to Collector's Office.
	South Arcot ...	Munjaoupum.	3	Cutcherry for Collector of South Arcot ...
	Chingleput ...	Saidápet ...	4	Room for Assistant or Deputy Collector over the Treasury at Homes' Garden.
	Coimbatore ..	Erode ...	5	Sub-Collector's Cutcherry ...
	West Coast ...	Coondapoor ...	6	Constructing a Cutcherry with out-houses for Head Assistant Collector.
	Do. ...	Ootacamund ...	7	Government house, Norwood ...
	Chingleput ...	Guindy ...	8	Government house furniture charges ...
Law and Justice	Presidency ...	Mount Road...	9	District Munsif's Court ...
Ecclesiastical.	West Coast ...	Udipi ...	10	Enlarging accommodation in building used as Garrison Church.
Provincial Services—Provincial Jails—	Cuddapah ...	Bellary ...	11	Additions and alterations to the Central Jail ...
	Trichinopoly...	Trichinopoly...	12	Alterations and additions to the Hill Jail ...
	Vizagapatam...	Párvatipur ...	13	Do. do. to Zillah Jail ...
	Do. ...	Vizagapatam.	14	Do. to the Jail Hospital ...
	Cuddapah ...	Cuddapah ...	15	Subsidiary Jail with out-buildings ...
	South Arcot ...	Mannárgudi...	16	New Jail ...
	Tinnevelly ...	Palamcottah...	17	Residence for Assistant Superintendent of Police ...
Police ...	Nellore ...	Ongole ...	18	Grant for Police works costing above Rs. 1,000 and below Rs. 2,500 each.
	Presidency ...	Kilpauk ...	19	Constructing an upper story to the Superintendent's house, Lunatic Asylum.
Medical ...	Consulting Architect.	Egmore ...	20	Lying-in Hospital ...
	Do. ...	Madura ...	21	Preservation of Tirmal Naick's Palace ...
Miscellaneous...	West Coast ...	Badagara ...	22	Sub-Registrar's Office... ..
Carried over ...				

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MADRAS.

OF MADRAS.

I.—Class A Works.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1880-81.

AMOUNT OF ESTIMATE.	OUTLAY.		GRANT 1880-81.		ITEM No.	REMARKS AND REFERENCES.
	Actuals to end of 1878-79.	Probable during 1879-80.	Amount.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
3,800	...	...	3,800	...	1	G.O., No. 2,844, of 31st August 1869. Item No. 2 of 1879-80, budget.
3,900	...	...	3,900	...	2	G.O., No. 6, of 1st July 1874. Item No. 16 of 1879-80, budget.
19,770	...	...	19,750	...	3	G.O., No. 2,667, of 3rd October 1876. Item No. 17 of 1879-80, budget.
2,840	...	...	2,840	...	4	G.O., No. 32, of 3rd June 1875. Item No. 8 of 1879-80, budget.
12,800	...	...	12,800	...	5	G.O., No. 1,136, of 19th April 1873. Item No. 20 of 1879-80, budget.
8,685	...	...	8,600	...	6	G.O., No. 32, of 5th March 1875. Item No. 22 of 1879-80, budget.
2,76,000	2,31,362	30,000	50,000	...	7	G.O., No. 326W, of 12th February 1880. Item No. 27 of 1879-80, budget.
5,000	...	...	2,000	...	8	G.O., No. 2,220, of 2nd August 1875; and No. 2,153, of 17th August 1876. Item No. 26 of 1879-80, budget.
9,100	...	...	9,100	...	9	G.O., No. 2,068, of 8th August 1879.
14,346	...	...	14,300	...	10	G.O., No. 604W, of 27th February 1879.
19,270	10,897	...	8,300	...	11	G.O., No. 166W, of 12th January 1878. Item No. 39 of 1879-80, budget.
13,832	1,541	8,000	4,300	...	12	G.O., No. 2,446W, of 29th September 1879. Item No. 1 of Special Fund Budget, 1879-80.
23,300	7,239	10,000	6,000	...	13	G.O., No. 753W, of 20th September 1877. Item No. 40 of 1879-80, budget.
5,760	...	...	5,750	...	14	G.O., No. 1,952, of 2nd August 1876. Item No. 42 of 1879-80, budget.
4,450	...	...	4,450	...	15	G.O., No. 766, of 18th March 1875. Item No. 48 of 1879-80, budget.
1,60,000	31,052	21,000	40,000	...	16	G.O., No. 332, of 1st February 1877. Item No. 45 of 1879-80, budget.
7,470	...	...	7,470	...	17	G.O., No. 1,136W, of 4th April 1877; and No. 1,408W, of 15th Mar. 1878. Item No. 51 of 1879-80, budget.
...	...	...	8,430	...	18	* A list of works on which this amount is to be spent will be submitted by the Inspector General of Police. G.O., No. 439, of 7th February 1877.
9,190	...	...	9,100	...	19	
1,75,777	73,937	26,000	60,000	...	20	G.O., No. 1,046, of 27th March; and No. 1,090W, of 17th October 1877. Item No. 57 of 1879-80, budget.
1,29,920	82,822	14,369	30,000	...	21	G.O., No. 1,587, of 5th June 1875; No. 3,313, of 19th November 1875; and No. 1,211W, of 23rd April 1879. Item No. 59 of 1879-80, budget.
4,100	...	...	4,100	...	22	G.O., No. 2,020W, of 1st August 1879. Item No. 56 of 1879-80, budget.
...	...	...	3,17,990	...		

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PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT

PART

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER

HEAD, OF CLASSIFICATION.	EXECUTIVE DIVISIONS.	LOCALITY.	ITEM No.	PROJECT AND WORKS.
				<i>Brought forward...</i>
				CIVIL BUILDINGS—cont.
				<i>Original Works.</i>
	Tanjore ...	Kumbakonam.	23	Sub-Registrar's Office
			24	Grant for Minor Works, the estimated cost of which does not cost Rs. 2,500 each.
	West Coast ...	Neddiwattam...	24½	Cinchona buildings
				Total, Civil Buildings ...
				COMMUNICATIONS.
Metalled and bridged roads.	Vizagapatam...	Jeypore ...	25	New Potinghy Ghat
	Salem...	Shevaroy Hills.	26	Opening out the new trace of the ghat between Yercaud and Salem as a bridle-path.
Navigable Canals.	Buckingham Canal.	...	27	Buckingham Canal
				Total, Communications ...
				MISCELLANEOUS PUBLIC IMPROVEMENTS.
			28	Refund to Capital Productive Grant on account of Madras Water Supply and Irrigation Extension Project.

ABSTRACT OF THE GRANTS

CIVIL BUILDINGS	...	...	...	...	...
COMMUNICATIONS	...	...	...	...	...
MISCELLANEOUS PUBLIC IMPROVEMENTS	...	...	...	...	...

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MADRAS.

OF MADRAS.

I.—Class A Works—concluded.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1880-81—concluded.

AMOUNT OF ESTI- MATE.	OUTLAY.		GRANT 1880-81.		ITEM No.	REMARKS AND REFERENCES.
	Actuals to end of 1878-79.	Probable during 1879-80.	Amount.	Total.		
Rs. ...	Rs. ...	Rs. ...	Rs. 3,17,990	Rs. ...		
4,580	...	...	4,580	...	23	G.O., No. 1,341W, of 15th March 1878. Item No. 54, of 1879-80, budget.
...	...	...	203,829	...	24	
...	...	...	25,000	...	24½	
...	...	...	...	5,51,399		Estimate awaited.
1,30,400	65,852	10,000	50,000	...	25	G.O., No. 1,803, of 18th July 1876. Item No. 68 of 1879-80, budget. G.O., No. 428, of 15th February 1876.
6,200	...	...	6,200	...	26	
...	24,96,301	1,15,659	1,20,000	...	27	
...	...	...	...	1,76,200		Complete estimate called for.—Vide G.O., No. 720W, 11th March 1879.
...	1,00,000	1,00,000	1,00,000	1,00,000	28	G.O., No. 1,390W, of 16th March 1878. Item No. 73 of 1879-80, budget.

PROVIDED IN PART I.

PROVINCIAL SERVICES.	CONTRIBUTIONS.	TOTAL.
Rs.	Rs.	Rs.
5,51,399	...	5,51,399
1,76,200	...	1,76,200
1,00,000	...	1,00,000
8,27,599	...	8,27,599

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PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT

APPENDIX TO
DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECT AND WORKS.
PROVINCIAL ORDINARY.				
CIVIL BUILDINGS.				
Original Works.				
Provincial— Services— Imperial— Administration.	Bellary Dis-	Gooty ...	1	Improvements to Sub-Collector's Cutcherry...
	trict.	Harpanahalli...	2	Taluk Cutcherry
	Salem ...	Kriahnagiri ...	3	Alterations and improvements to Taluk Cutcherry ...
	Do. ...	Womalore ...	4	Do. Tahsildar's Cutcherry
	Madura District.	Vedasandur ...	5	Deputy Tahsildar's Cutcherry
	Bellary Dis-	Bookapatam...	6	Second-class Taluk Cutcherry
	trict.	Raidroog ...	7	Verandah to Taluk Cutcherry
	North Arcot...	Chandragiri ...	8	Altering and improving the present Taluk Cutcherry.
	Do. ...	Palmanér ...	9	Do. the Taluk Cutcherry
	South Arcot...	Tiruvadi ...	10	Second-class Taluk Cutcherry and Subsidiary Jail ...
	Bellary District.	Adóni ...	11	Taluk Cutcherry
	Coimbatore ...	Polláchi ...	12	Residence for the Head Assistant Collector ...
	Cuddapah ...	Madanapalle...	13	Sub-Collector's Cutcherry
	Vizagapatam...	Russelkonda ...	14	Converting the terraced roof of the Tahsildar's Cut-
	Do. ...	Berhampore ...	15	cherry into a tiled one.
	Godáviri East-	Cocanada ...	16	Senior Assistant Collector's Cutcherry
	ern Delta.	...	...	Additions to the do. do.
	Do. Western	Narsapur ...	17	Taluk Cutcherry
	Delta.	...	...	...
	Kistna Eastern	Masulipatam...	18	Improvements to the Collector's Cutcherry
	Delta.	...	...	...
	Do. ...	Avanigada ...	19	Deputy Tahsildar's Cutcherry
	Kurnool ...	Nandikótkur...	20	Improving old Cutcherry and completing out-houses.
	Madura Dis-	Nilacotta ...	21	Deputy Tahsildar's Cutcherry
	trict.	Oothamapol-	22	Do. do.
	...	liem.	...	...
	Negapatam ...	Negapatam ...	23	Sub-Collector's Cutcherry
	Tinnevely ...	Shermadevi ...	24	Head Assistant Collector's Office
	Trichinopoly...	Perambalur ...	25	First-class Taluk Cutcherry
	Presidency ...	Black Town ...	26	Iron Sheds in the Import yard of the Custom house at
	Do. ...	Do. ...	27	Madras.
	Improvements to the Import and Export Sheds of the	...	...	...
Law and Justice.	Kistna Western	Bapatla ...	28	District Munsif's Court
	Delta.	...	...	...
	North Arcot ...	Tirutani ...	29	Sub-Magistrate's Cutcherry
Carried over ...				

MADRAS.

OF MADRAS.

PART I.—CLASS B WORKS.

UNDER PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1880-81.

AMOUNT OF ESTI-MATE.	OUTLAY.		AMOUNT APPLIED FOR 1880-81.		ITEM No.	REMARKS AND REFERENCES.
	Actuals to end of 1878-79.	Probable during 1879-80.	Amount.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
3,950	...	...	3,950	...	1	G.O., No. 2,900, 10th October 1874. Item No. 12, of 1879-80, budget.
26,715	2,022	...	24,700	...	2	G.O., No. 3,529, 15th December 1874. Item No. 13 of 1879-80, budget.
4,880	...	72	4,800	...	3	G.O., No. 119, 15th January 1877. Item No. 19 of 1879-80, budget.
9,020	...	...	9,000	...	4	G.O., No. 5, 2nd November 1874. Item No. 18 of 1879-80, budget.
11,828	...	...	11,800	...	5	G.O., No. 515 W, 1st February 1878. Item No. 23 of 1879-80, budget.
17,600	...	...	6,000	...	6	G.O., No. 29, 3rd February 1876. Item No. 14 of 1879-80, budget.
3,490	...	...	3,400	...	7	G.O., No. 4,001 W, 14th October 1878.
3,850	...	...	3,800	...	8	G.O., No. 4,600 W, 5th December 1878.
3,800	...	...	3,800	...	9	G.O., No. 411 W, 13th July 1877.
10,280	...	...	10,200	...	10	G.O., No. 2,666, 3rd October 1876.
31,680	...	...	5,000	...	11	G.O., No. 59, 7th July 1875.
10,580	...	...	10,500	...	12	G.O., No. 4,761 W, 14th December 1878. Item No. 21 of 1879-80, budget.
14,895	...	...	5,000	...	13	G.O., No. 2,137 W, 13th May 1878. Item No. 9 of 1879-80, budget.
3,170	...	...	3,100	...	14	G.O., No. 272 W, 16th January 1878. Item No. 1 of 1879-80, budget.
5,340	...	...	5,300	...	15	G.O., No. 2,541 W, 8th October 1879.
31,870	4,348	6,352	10,000	...	16	G.O., No. 106, 14th July 1875; and No. 2,363 W, of 1st June 1878. Item No. 3 of 1879-80, budget.
22,900	...	...	10,000	...	17	G.O., No. 3,563, 21st December 1875.
34,130	...	800	15,000	...	18	G.O., No. 2,040, of 17th July 1875. Item No. 5 of 1879-80, budget.
9,420	3,988	...	7,900	...	19	G.O., No. 193, 15th April 1875.
10,000	...	...	7,000	...	20	G.O., No. 3,454, 16th December 1876. Item No. 11 of 1879-80, budget.
11,828	...	...	5,000	...	21	G.O., No. 515 W, 1st February 1878. Item No. 23 of 1879-80, budget.
11,993	...	...	5,000	...	22	Do. do. do.
11,560	...	...	5,000	...	23	G.O., No. 1,022, 26th March 1877.
10,275	...	...	10,200	...	24	G.O., No. 1,353 W, 12th May 1879.
27,000	...	...	10,000	...	25	G.O., No. 2,769 W, 6th July 1878.
18,580	...	...	18,550	...	26	G.O., No. 2,278, 28th August 1876. Item No. 24 of 1879-80, budget.
5,050	...	...	5,050	...	27	G.O., No. 212 W, 1st October 1877. Item No. 25 of 1879-80, budget.
12,320	...	...	12,300	...	28	G.O., No. 96, 11th December 1875. Item No. 28 of 1879-80, budget.
9,120	...	...	9,100	...	29	G.O., No. 147, 17th May 1872. Item No. 32 of 1879-80, budget.
...	...	...	2,40,450	...		

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT

APPENDIX TO PART I

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISION.	LOCALITY.	ITEM No.	PROJECT AND WORKS.
				Brought forward ...
				PROVINCIAL ORDINARY—continued.
				CIVIL BUILDINGS—continued.
				Original Works—continued.
Provincial Services— Imperial— Law and Justice—cont.	Trichinopoly...	Ariyalūr ...	30	District Munsif's Court
	Tinnevely ...	Virudupati ...	31	Sub-Magistrate's Cutcherry
	Bellary District	Siruguppa ...	32	Do. do.
	Chingleput ...	Poonamallee...	33	New Court-house for the District Munsif
	Cuddapah ...	Cuddapah ...	34	Additions and alterations to the District Court-house.
	Nellore ...	Darsi ...	35	Improvements to the Sub-Magistrate's Cutcherry ...
	Kurnool ...	Pyapalle ...	36	Sub-Magistrate's Cutcherry
	Do. ...	Owk ...	37	Do. do.
	Negapatam ...	Arantāngi ...	38	Do. do.
	Nellore ...	Allūr ...	39	Alterations and improvements to the Sub-Magistrate's Cutcherry.
Provincial Services— Provincial— Jails—	Tanjore ...	Tiruvādi ...	40	District Munsif's Court
	West Coast ...	Mangalore ...	41	Additions and improvements to the Munsif's Court.
	Do. ...	Coondapoor ...	42	District Munsif's Court
	Do. ...	Kuttuparamba.	43	Sub-Magistrate's Cutcherry
	Nellore ...	Guntūr ...	44	Improvements and alterations to the District Jail ...
Police ...	Kurnool ...	Kurnool ...	45	District Jail
	Bellary District	Allūr ...	46	Subsidiary Jail
	Vizagapatam...	Berhampore ...	47	Do. with out-houses
	Tinnevely ...	Sankaranainar-koil.	48	Adding Subsidiary Jail and out-houses to the Taluk Cutcherry.
Medical ...	Nellore ...	Nellore ...	49	Additions and improvements to the Police Office ...
	Coimbatore ...	Hassanūr ...	50	One Head Constable and six Constables' huts ...
	Consulting Architect.	Presidency ...	51	Barrack and School-room, &c., in the compound of the Police Commissioner's Office.
Medical ...	West Coast ...	Calicut ...	52	Sub-Registrar's Office
	Consulting Architect.	Madras ...	53	Erecting a Medical School near the Monegar Choultry.
	Presidency ...	Rāyapuram ...	54	Alterations and additions to the Government Work-house.
				Carried over ...

MADRAS

OF MADRAS.

CLASS B WORKS—continued.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1880-81—continued.

AMOUNT OF ESTIMATE.	OUTLAY.		AMOUNT APPLIED FOR 1880-81.		ITEM No.	REMARKS AND REFERENCES.
	Actuals to end of 1878-79.	Probable during 1879-80.	Amount.	Total.		
Rs. ...	Rs. ...	Rs. ...	Rs. 2,40,450	Rs. ...		
8,550	...	...	8,500	...	30	G.O., No. 1,308, 7th May 1875. Item No. 34 of 1879-80, budget.
7,300	...	...	7,300	...	31	G.O., No. 3,376, 1st December 1874. Item No. 36 of 1879-80, budget.
12,680	...	...	5,000	...	32	G.O., No. 22 W, of 6th January 1879.
10,350	...	...	10,000	...	33	G.O., No. 2,863, of 26th October 1876. Item No. 31 of 1879-80, budget.
7,780	...	...	7,700	...	34	G.O., No. 1,398 W, of 16th May 1879.
9,180	861	...	4,500	...	35	G.O., No. 222, of 28th August 1874.
11,802	...	...	5,000	...	36	G.O., No. 2,254 W, of 22nd May 1878.
14,100	...	...	5,000	...	37	Do. do.
9,365	...	...	5,000	...	38	G.O., No. 1,505 W, of 25th March 1878.
2,780	C.L.F. Prov.	...	...	...		
4,090		...	...	...		
6,870	257	...	13,500	...	39	G.O., No. 222, 28th August 1874. Item No. 30 of 1879-80, budget.
11,900	...	...	5,000	...	40	G.O., No. 3,165, 6th November 1875. Item No. 33 of 1879-80, budget.
5,200	...	...	3,000	...	41	G.O., No. 4,303 W, of 8th November 1878.
9,800	...	...	9,800	...	42	G.O., No. 2,068 W, of 8th August 1879.
15,085	...	...	7,000	...	43	G.O., No. 1,021, of 26th March 1877. Item No. 33 of 1879-80, budget.
37,313	23,251	4,000	10,000	...	44	G.O., No. 164 W, of 29th May 1877. Item No. 41 of 1879-80, budget.
...	...	...	20,000	...	45	Revised estimate awaited. Item No. 43 of 1879-80, budget.
10,770	...	...	5,000	...	46	G.O., No. 2,143 W, of 13th May 1878.
2,730	...	...	2,700	...	47	G.O., No. 2,541 W, of 8th October 1879.
3,900	...	...	3,900	...	48	G.O., No. 1,907 W, of 19th July 1879.
3,300	...	3,000	300	...	49	G.O., No. 1,337 W, of 15th March 1878. Item No. 49 of 1879-80, budget.
4,110	...	3,000	1,000	...	50	G.O., No. 3,222 W, of 12th August 1878. Item No. 50 of 1879-80, budget.
7,700	...	...	7,700	...	51	G.O., No. 1,827 W, of 12th July 1879.
...	...	...	5,800	...	52	Estimate awaited.
6,046	...	...	6,000	...	53	G.O., No. 1,021 W, 2nd April 1879.
17,700	...	...	17,700	...	54	G.O., 2,214, of 21st August 1876.
			4,06,850			

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT

APPENDIX TO PART I

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS UNDER

HEAD OF CLASSIFICATION.	EXECUTIVE DIVISIONS.	LOCALITY.	ITEM No.	PROJECT AND WORKS.
				Brought forward ...
				PROVINCIAL ORDINARY—continued.
				CIVIL BUILDINGS—continued.
				Original Works—continued.
Provincial Services—	West Coast ...	Calicut ...	55	Additions and improvements to the Lunatic Asylum.
Medical—concluded.	Presidency ...	Kilpauk ...	56	Constructing two wards for European patients in the Lunatic Asylum.
Miscellaneous...	Consulting Architect.	Triplicane, Madras.	57	Covered way at the Amir Mahal to the level of the upper floor, and providing a foot-board passage.
	Cuddapah ...	Madanapalle.	58	Executive Engineer's Office ...
	Godavari West-ern Delta.	Chettipetta ...	59	Quarters for Divisional Officer...
	Nellore ...	Ongole ...	60	Executive Engineer and Overseer's Office ...
	Kistna West-ern Delta.	Dugerala ...	61	Do. do. ...
	Salem ...	Tirupatur ...	62	Do. and Taluk do. ...
	Tanjore ...	Tanjore ...	63	Reconstructing Divisional Office ...
	Vizagapatam.	Waltair ...	64	Executive Engineer's Office with accommodation for Overseers for Overseers' Office and Stores.
	Presidency ...	Rayapuram ...	65	Erecting Public Works Stores and Workshops at the Seven Wells.
	Do. ...	Do. ...	66	Prolonging tramway from the Grand Jail to the site of the new Workshops at the Seven Wells.
				Total, Civil Buildings ...
				COMMUNICATIONS.
				Original Works.
Metalled and bridged roads.	Madura District.	Palni ...	67	New Palni Ghat ...
		Periyakulam	68	Chattram at the head of the Gúdálúr Ghat ...
				Total, Communications...
				Miscellaneous Public Improvement.
Harbours and Navigation.	Do.	Paumben ...	69	Improving the beach opposite the Master-Attendant's Office.
				Total, Miscellaneous Public Improvement ...

MADRAS.

OF MADRAS.

CLASS B. WORKS—concluded.

PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1880-81—concluded.

AMOUNT OF ESTIMATE.	OUTLAY.		AMOUNT APPLIED FOR 1880-81.		ITEM No.	REMARKS AND REFERENCES.
	Actuals to end of 1878-79.	Probable during 1879-80.	Amount.	Total.		
Rs. ...	Rs. ...	Rs. ...	Rs. 4,06,850	Rs. ...		
8,865	...	...	8,800	...	55	G.O., No. 2,429 W, of 25th September 1879.
9,190	...	...	9,100	...	56	G.O., No. 439, of 7th February 1877.
3,166	...	...	3,100	...	57	G.O., No. 449 W, of 14th February 1879; and No. 885 W, of 25th March 1879.
3,450	...	...	3,400	...	58	G.O., No. 525, of 2nd March 1874. Item No. 64 of 1879-80, budget.
13,594	...	...	10,000	...	59	G.O., No. 2,226, of 23rd August 1876. Item No. 62 of 1879-80, budget.
4,600	...	...	4,600	...	60	G.O., No. 2,139, of 13th May 1878. Item No. 61 of 1879-80, budget.
11,000	...	...	11,000	...	61	G.O., No. 93 I, of 20th June 1877. Item No. 63 of 1879-80, budget.
2,710	...	...	2,700	...	62	G.O., No. 3,140, of 4th November 1874. Item No. 66 of 1879-80, budget.
4,720	...	...	4,700	...	63	G.O., No. 2,098 of W, 11th August 1879.
7,635	...	...	7,600	...	64	G.O., No. 439, of 16th February 1875. Item No. 60 of 1879-80, budget.
1,74,256	1,65,907	595	8,300	...	65	G.O., No. 678 W, of 9th February 1878.
5,250	...	...	5,200	...	66	G.O., No. 1,870, of 11th July 1874; and No. 2,311, of 9th August 1875.
...	...	...	4,85,350	...		
3,20,000	32,877	...	20,000	...	67	G.O., No. 2,090 W, of 8th May 1876. Item No. 69 of budget, 1879-80.
4,000	...	...	4,000	...	68	G.O., No. 1,410, of 24th April 1877. Item No. 70 of 1879-80, budget.
...	...	...	24,000	...		
2,800	529	...	2,200	...	69	G.O., No. 2,118 W, of 15th December 1877.
...	...	...	2,200	...		

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

APPENDIX TO PART I. CLASS B.

ABSTRACTS OF THE GRANTS PROPOSED IN APPENDIX TO PART I.

	PROVINCIAL SERVICES.	CONTRIBUTIONS.	TOTAL..
	Rs.	Rs.	Rs.
CIVIL BUILDINGS	4,85,350	...	4,85,350
COMMUNICATIONS	24,000	...	24,000
MISCELLANEOUS PUBLIC IMPROVEMENTS	2,200	...	2,200
	5,11,550	...	5,11,550

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III.

DETAIL OF THE BUDGET-ESTIMATE OF REPAIRS TO PUBLIC WORKS UNDER
PROVINCIAL SERVICES IN MADRAS FOR THE YEAR 1880-81.

HEAD OF CLASSIFICATION.	DIVISION.	LOCALITY.	ITEMS.	ESTIMATE, 1880-81.		ESTIMATE, 1879-80.	
				Amount.	Total.	Amount.	Total.
				Rs.	Rs.	Rs.	Rs.
Provincial Services— Miscellaneous.	Arcot, North... Arcot, South... Chingleput ... Coimbatore ... Cuddapah ... Godavari, East- ern Delta. Godavari, West- ern Delta. Kistna, Eastern Delta. Kistna, Western Delta. Negapatam ... Nellore ... Presidency ... Salem ... Tanjore ... Tinnevely ... Trichinopoly... Vizagapatam...		CIVIL BUILDINGS.				
			Annual Repairs ...	250			
			Do. ...	250			
			Do. ...	400			
			Do. ...	950			
			Do. ...	300			
			Do. ...	550			
			Do. ...	100			
			Do. ...	400			
			Do. ...	200			
			Do. ...	200			
			Do. ...	400			
			Do. ...	2,000			
			Do. ...	1,650			
			Do. ...	22,250			
			Do. ...	150			
			Do. ...	400			
			Do. ...	600			
			Total, Civil Buildings...		31,050		1,89,410
Ordinary Main- tenance.	Presidency ...		COMMUNICATIONS.				
			Road over Government bridges and within the limits of Government compound.—G.O., No. 2,211 of 16th September 1862, No. 1,609 of 12th June 1865, and No. 2,690 of 15th October 1876.	9,395			
			Roads leading from the Fort towards the Mount and Poonamalle.—G.O., No. 1,429 of 1st May 1867, No. 2,920 of 13th October 1874, and No. 2,690 of 5th October 1876.	9,058			
	Vizagapatam...		Maintenance of old Pachapenta and of Turner's Ghauts.—G.O., No. 3,546 of 15th December 1875.	2,000			
					20,453		
			Carried over...	...	20,453	...	...

* Of this amount Rs. 22,000 are for special repairs to Tanjore Palace.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

HEAD OF CLASSIFICATION.	DIVISION.	LOCALITY.	ITEMS.	ESTIMATE, 1880-81.		ESTIMATE, 1879-80.	
				Amount.	Total.	Amount.	Total.
Navigable Canals.	Ganjam ...	...	Brought forward ...	...	20,453	...	...
			COMMUNICATIONS—continued.				
			Maintenance of Canal from Chilka Canal to the Ganjam Port.—G.O. No. 2,365 W of 17th September 1879.	600			
			Maintenance of Buckingham Canal.	64,550			
			Maintenance of Navigation works at Dumagudim.—Paragraph 8 of G.O. No. 735 of 16th March 1875.	8,000			
Harbours and Navigation.	Presidency ...	...	Maintenance of the Vedar-niem Canal.	5,000			
			Total, Communications.	...	78,150	...	...
			MISCELLANEOUS PUBLIC IMPROVEMENTS.				
			Conservancy of the Cooum.—G.O., No. 1,922 W, of 3rd December 1877.	2,000			
			Total, Miscellaneous Public Improvements.	...	2,000	...	2,000

ABSTRACT OF THE PROVISION MADE FOR REPAIRS.

	FROM PROVINCIAL SERVICES.	FROM CONTRIBUTIONS.	TOTAL.
Civil Buildings ...	Rs. 31,050	Rs. ...	Rs. 31,050
Communications ...	*98,603	...	*98,603
Miscellaneous Public Improvements ...	2,000	...	2,000
Total ...	1,31,653	...	*1,31,653

* Including Rs. 64,550 for Buckingham Canal which will be provided from the separate fund constituted for the purpose, formerly styled Sadras and Cochrane's Canal Fund.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III.

DETAIL OF THE BUDGET-ESTIMATE FOR ESTABLISHMENTS UNDER PROVINCIAL SERVICES IN MADRAS FOR 1880-81.

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.	CHARGES.		
			Per Men-sem.	Per Annum.	Total.			Charges per Annum.	Irriga-tion.	General.
1879-80.	1880-81.									
1	1	ENGINEER ESTABLISHMENT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1	Chief Engineer, 1st Class, and Secretary to Government, General and Buildings and Roads Branches.	2,500							
1	1	Net Military pay proper of a Colonel, R.E.	304½	2,804	...	...	1	...	...	33,648
1	1	Chief Engineer, 2nd Class, and Joint Secretary to Government, Irrigation Branch.	2,000							
1	1	Net Military pay proper of a Colonel, R.E.	304½	2,304	...	...	1	...	27,648	
2	2		...	5,108	61,296	60,576	1	1	27,648	33,648
2	2	Superintending Engineers, 1st Grade.	1,600	3,200	...	...	2	61,296	22,122	22,122
2	2	Net Military pay proper of two Lieutenant-Colonels, R.E.	243½	487	...	...	1	...	18,408	
2	1	Superintending Engineer, 2nd Grade.	1,350	1,350	...	...	1	...	13,200	
1	1	Net Military pay proper of a Major, R.E.	183½	184	...	...	1	...	...	
1	1	Superintending Engineer, 3rd Grade.	1,100	1,100	...	...	1	...	...	
5	4		...	6,321	75,852	94,980	3	1	53,730	22,122
8	4	Executive Engineers, 1st Grade.	950	3,800	...	...	4	75,852	36,402	13,602
9	6	Net Military pay proper of two Majors, R.E.	183½	367	...	...	4	2	41,760	20,880
9	6	Executive Engineers, 2nd Grade.	800	4,800	...	...	5	1	39,000	7,800
9	6	Net Military pay proper of three Captains, R.E.	140	420	...	...	5	2	33,000	14,880
11	7	Executive Engineers, 4th Grade.	550	3,850	...	...	7	6	1,50,162	57,162
37	23	Net Military pay proper of two Lieutenants, R.E.	70	140	...	...	...	...	...	...
7	6	Carried over ...	...	17,277	1,37,148	1,55,556	17	6	1,50,162	57,162

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III.—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.		
			Per Men-sem.	Per Annum.	Total.		Charges per Annum.	Irriga-tion.	General.	Irriga-tion.	General.
7 6	Brought forward ...	Rs. ...	Rs. 17,277	Rs. 1,37,148	Rs. ...	Rs. 1,55,556	Rs. 7	Rs. 6	Rs. 1,50,162	Rs. 57,162	
37 23	ENGINEER ESTABLISHMENT—continued.										
	Extra Allowance for four Superintendents of Works.	100	400	...	...	...	*2	*2	2,400	2,400	
...	Consulting Architect to Government.	1,200	1,200	...	...	...	...	1	...	14,400	
37 *24		...	18,877	2,26,524	...	3,94,020	17	+7	1,52,562	73,962	
15 12	Assistant Engineers, 1st Grade.	450	5,400	...	...	...	24	8	2,26,524		
24 24	Assistant Engineers, 2nd Grade.	350	8,400	...	...	...	4	18	43,200	21,900	
	Extra pay of a Lieutenant and Assistant Commissary as Assistant Engineer, 1st Grade.	25	25	...	...	...	6	...	75,600	25,200	
4 ...	Assistant Engineers, 3rd Grade.	...	...	...	...	...	...	...	...	...	
43 36		...	13,825	1,65,900	...	1,99,536	26	10	1,18,800	47,100	
87 66	Total, Engineer Establishment.	...	...	...	5,29,572	7,52,928	36	47	1,65,900	3,52,740	1,76,832
	UPPER SUBORDINATE ESTABLISHMENT.						66		5,29,572		
4 4	Sub-Engineers, 1st Grade.	400	1,600	...	...	...	2	2	9,600	9,600	
3 4	Do. 2nd Grade.	300	1,200	...	...	...	3	1	10,800	3,600	
7 6	Do. 3rd do.	250	1,500	...	...	...	4	2	12,000	6,000	
14 14		...	4,300	51,600	...	...	9	5	32,400	19,200	
16 12	Supervisors, 1st Grade.	200	2,400	...	...	...	14	8	51,600		
	Military pay and allowance of four Conductors.	20	80	...	...	...	4	...	19,680	10,080	
16 12	Carried over ...	...	2,480	51,600	...	...	8	4	19,680	10,080	
14 14		...	4,300	...	5,29,572	7,52,928	...	...	...	...	

* Excluding the allowance for four Superintendents of Works.
† Includes Consulting Architect.
‡ Includes the sum of Rs. 2,818 provided in last year's Budget for General Superintendent, Public Works Stores.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III.—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.		
			Per Men-sem.	Per Annum.	Total.		Charges per Annum.	Irriga-tion.	General.	Irriga-tion.	General.
14 14	Brought forward ...	Rs. ...	Rs. 4,300	Rs. ...	Rs. 5,29,572	Rs. 7,52,928	Rs. ...	Rs. ...	Rs. ...	Rs. ...	
16 12	UPPER SUBORDINATE ESTABLISHMENT—cont.	...	2,480	51,600	...	...	...	8	4	19,680	10,080
26 18	Supervisors, 2nd Grade.	150	2,700	...	...	...	...	12	6	22,920	11,760
	Military pay and allowances of two Conductors.	50	100	...	...	...	...	...	...	...	
	Do do. of three Sub-Conductors.	30	90	...	...	...	...	...	...	...	
42 30		...	5,370	64,440	...	...	...	20	10	42,600	21,840
40 30	Overseers, 1st Grade ..	100	3,000	...	...	...	...	30	...	64,440	
60 30	Do. 2nd do. ...	80	2,400	...	...	...	...	20	10	24,000	12,000
87 40	Do. 3rd do. ...	60	2,400	...	...	...	...	20	10	19,200	9,600
	Military pay and allowances of ten Sergeants.	46	460	...	...	...	...	24	16	17,280	11,520
187 100		...	8,260	99,120	...	...	...	*6	*4	3,312	2,208
	Sub-Divisional allowance for ten Upper Subordinates.	30	300	3,600	...	...	...	64	36	63,792	35,328
243 144	Total, Upper Subordinate Establishment.	...	...	...	2,18,760	3,22,044	...	100	5	99,120	1,800
237 ...	LOWER SUBORDINATE ESTABLISHMENT.	Transferred to Local Fund Boards.	...	...	1,02,900	...	...	10	...	3,600	
255 ...	PETTY ESTABLISHMENT.							93	51	1,40,592	78,168
	Store-keepers, Superintendents, Maistries, Medical Subordinates, &c.	...	...	...	54,453	24,144	...	144	...	2,18,760	
515 360	Lascars	6	2,160	25,920	...	...	...	230	130	16,560	9,360
770 360	Total, Petty Establishment.	...	...	...	25,920	1,15,677	...	360	...	25,920	
	Carried over ...	...	...	...	7,74,252	12,93,549	...	...	...	...	

* Not included in total.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.	
			Per Men- sem.	Per Annum.	Total.		Charges per Annum.	Irriga- tion.	General.	Irriga- tion.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	...	...	...	7,74,252	12,93,549	...	...	...	...
	OFFICE ESTABLISHMENT.									
	For Chief Engineer and Secretary to Government, Public Works Department.									
1	1 Chief Assistant	550	550	.						
1	1 Clerk, 1st Class, 1st Grade.	350	350							
1	1 Clerk, 1st Class, 3rd Grade.	225	225							
2	2 Clerk, 2nd Class, 2nd Grade.	140	280							
1	1 Clerk, 2nd Class, 3rd Grade.	110	110							
3	5 Clerk, 3rd Class, 2nd Grade.	70	350							
6	3 Clerk, 3rd Class, 3rd Grade.	55	165							
2	1 Clerk, 4th Class, 1st Grade.	45	45							
..	2 Clerk, 4th Class, 2nd Grade.	35	70							
7	1 Clerk, 4th Class, 3rd Grade.	25	25							
24	18		2,170							
2	2 Draughtsmen, 1st Class.	60	120							
1	1 Do. 2nd "	42½	42½							
3	3		162½							
3	2 Muchis or Daftris	10½ & 14	24½							
2	2 Head Messengers	9 & 10	19							
11	7 Messengers	7	49							
16	11		90							
43	32		2,425	29,100	...	...	...	32	...	29,100
	For Chief Engineer and Joint Secretary to Government, Irrigation Branch.									
2	2 Clerks, 2nd Class, 2nd Grade.	150	300							
2	2 Carried over ...	...	300	29,100	...	...	...	...	...	29,100
		...	...	...	7,74,252	12,93,549	...	...	...	...

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.	
			Per Men- sem.	Per Annum.	Total.		Charges per Annum.	Irriga- tion.	General.	Irriga- tion.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
2	2 Brought forward ...	...	...	...	7,74,252	12,93,549	...	...	...	...
	OFFICE ESTABLISHMENT.									
	—continued.									
	For Chief Engineer and Joint Secretary to Government, Irrigation Branch—contd.									
1	1 Clerk, 3rd Class, 2nd Grade.	...	65							
1	1 Clerk, 3rd Class, 3rd Grade.	...	60							
3	3 Clerks, 4th Class, 2nd Grade.	40	120							
4	4 Clerks, 4th Class, 3rd Grade.	20, 30, & 35	115							
11	11		660							
2	2 Draughtsmen, 1st Class.	60 & 75	135							
2	2 Do. 2nd do.	50 & 40	90							
4	4		225							
3	3 Muchis or Daftris	8 to 10	26							
4	4 Messengers	6 to 7	27							
7	7		53							
22	22		938	11,256	...	...	22	...	11,256	...
	A—IRRIGATION BRANCH OFFICE ESTABLISHMENT.									
	Office Establishment for 2½ Superintending Engineers, the cost of the Establishment of each Superintending Engineer being as follows:—									
	1 Clerk, 2nd Class, 3rd Grade	110								
	1 Clerk, 3rd Class, 2nd Grade	70								
	1 Clerk, 4th Class, 1st Grade	45								
	1 Clerk, 4th Class, 2nd Grade	35								
	1 Clerk, 4th Class, 3rd Grade	25								
	Carried over ...	...	...	40,356	...	...	...	...	11,256	29,100
		...	...	...	7,74,252	12,93,549	...	...	...	...

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.	
			Per Men-sem.	Per Annum.	Total.		Charges per Annum.	Irrigation.	General.	General.
1879-80.	1880-81.									
	Brought forward ...	Rs. ...	Rs. ...	Rs. ...	Rs. 7,74,252	Rs. 12,93,549	Rs. ...	Rs. ...	Rs. ...	Rs. ...
	A—IRRIGATION BRANCH OFFICE ESTABLISHMENT—continued.	...	...	40,356	...	...	...	...	11,256	29,100
	1 Draughtsman, 1st Class ... 60									
	1 Draughtsman, 2nd Class ... 42½									
	1 Messenger ... 8									
	3 Messengers at 6 18									
	Total for each Office ... 413½									
	Total for 2½ Superintending Engineers...	...	1,033½							
	Office Establishment for two Superintendents of Works and seven 1st-Class Executive Divisions as follows, each:—									
	1 Clerk, 3rd Class, 2nd Grade ... 70									
	1 Clerk, 4th Class, 1st Grade ... 45									
	1 Clerk, 4th Class, 2nd Grade ... 35									
	1 Clerk, 4th Class, 3rd Grade ... 25									
	1 Draughtsman, 1st Class ... 60									
	1 Draughtsman, 3rd Class ... 25									
	1 Messenger ... 7									
	1 Do. ... 6									
	Total for each Office... 273									
	Total for seven 1st-Class Executive Divisions and two Superintendents of Works, or 9 1st-Class Divisions...	...	2,457							
	Carried over ...	...	3,490½	40,356	...	...	...	11,256	29,100	
		...	...	...	7,74,252	12,93,549	...	...	...	...

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.	
			Per Men-sem.	Per Annum.	Total.		Charges per Annum.	Irrigation.	General.	General.
1879-80.	1880-81.									
	Brought forward ...	Rs. ...	Rs. ...	Rs. ...	Rs. 7,74,252	Rs. 12,93,549	Rs. ...	Rs. ...	Rs. ...	Rs. ...
	A—IRRIGATION BRANCH OFFICE ESTABLISHMENT—continued.	...	3,490½	40,356	...	...	...	...	11,256	29,100
	Office Establishment of six 2nd-Class Divisions as follows, each:—									
	1 Clerk, 3rd Class, 2nd Grade ... 70									
	1 Clerk, 4th Class, 2nd Grade ... 35									
	2 Clerks, 4th Class, 3rd Grade, at Rs. 25 ... 50									
	1 Draughtsman, 1st Class ... 60									
	1 Draughtsman, 3rd Class ... 25									
	1 Messenger ... 7									
	1 Do. ... 6									
	Total for each Office ... 253									
	Total for six 2nd-Class Executive Divisions.	...	1,518							
	Office Establishment for one 3rd-Class Division as follows:—									
	1 Clerk, 3rd Class, 3rd Grade ... 55									
	1 Clerk, 4th Class, 2nd Grade ... 35									
	2 Clerks, 4th Class, 3rd Grade, at Rs. 25 ... 50									
	1 Draughtsman, 2nd Class ... 42½									
	1 Draughtsman, 3rd Class ... 25									
	1 Messenger ... 7									
	1 Do. ... 6									
		220½	220½							
	Carried over ...	...	5,229½	40,356	...	...	...	11,256	29,100	
		...	...	...	7,74,252	12,93,549	...	...	...	...

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.	
			Per Men-sem.	Per Annum.	Total.		Charges per Annum.	Irriga-tion.	General.	General.
1879-80.	1880-81.									
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward...	...	...	...	7,74,252	12,93,549	...	...	...	...
	A—IRRIGATION BRANCH OFFICE ESTABLISHMENT—continued.									
	Office Establishment for 25 Sub-Divisional Offices as follows, each:—									
	1 Clerk, 4th Class, 3rd Grade ... 25									
	1 Messenger ... 6									
	Total for each Office ... 31									
	Total for 25 Sub-Divisional Offices ...		775							
	Office Establishment for 30 Upper Subordinates as follows, each:—									
	1 Apprentice, 1st Grade ... 15									
	Total for 30 Upper Subordinates ...		450							
	Total, Office Establishment, Irrigation Branch. ...		6,454	77,451					77,451	
	B—GENERAL BRANCH OFFICE ESTABLISHMENT.									
	Office Establishment for half a Superintending Engineer as per details above.	413	206							
	Office Establishment for two Superintendents of Works as per details above.	273	546							
	Office Establishment for the Consulting Architect as follows:—									
	1 Clerk, 4th Class, 1st Grade. ... 45									
	1 Draughtsman and Estimator ... 145									
	Carried over...		752	1,17,807					88,707	29,100
					7,74,252	12,93,549				

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.	PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.	CHARGES.	
			Per Men-sem.	Per Annum.	Total.		Charges per Annum.	Irriga-tion.	General.
1879-80.	1880-81.								
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	...	752	1,17,807		7,74,252	12,93,549	...	...
	B—GENERAL BRANCH OFFICE ESTBT.—cont.								
	2 Draughtsmen and Estimators at Rs. 25 each ... 50								
	1 Messenger ... 7								
	1 do. ... 6								
	Office Establishment for two 2nd-Class Executive Divisions as per details above.	253	253						
	Office Establishment for one 3rd-Class Executive Division as per details above.	220	220						
	Office Establishment for fourteen Sub-Divisional Offices as per details above.	31	434						
	Office Establishment for ten Subordinates as per details above.	15	150						
	Office Establishment for Public Works Stores.								
	Total, Office Establishment (Executive Branch).								
	IRRIGATION ESTBT.								
	Survey ...			15,000	15,000	15,000			
	Water Regulation ...			84,038					
	Navigation ...			28,989					
	River Conservancy ...			2,568	1,15,595	1,12,488			
	Special Revenue Investigations by Mr. Wilson.								
	Office Establishment required for the preparation of Irrigation Accounts, vide G.O. No. 443-A.I., dated 6th August 1879.			13,000	13,000	*12,000			
	Total, Irrigation Establishment.				1,43,595	1,39,488			1,43,595
	Carried over...				10,67,113	17,17,521			

* Includes Travelling allowances and Contingencies.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.	
1879-80.	1880-81.			Per Men- sem.	Per Annum.	Total.	Charges per Annum.	Irriga- tion.	General.	Irriga- tion.	General.
		Brought forward ...	Rs. ...	Rs. ...	Rs. ...	Rs. 10,67,113	Rs. 17,17,521	Rs. ...	Rs. ...	Rs. ...	Rs. ...
		Temporary Establish- ments.	...	...	25,000	25,000	10,000	...	...	15,000	10,000
										25,000	
		Local Allowances.									
		Presidency house-rent and Presidency al- lowances.	...	...	10,000	10,000	18,296	...	...	3,000	7,000
										10,000	
		Total, Salaries	...	...	...	11,02,113	17,45,817				
		Travelling Allow- ances.	...	...	1,10,000	1,10,000	2,76,254	...	...	70,000	40,000
										1,10,000	
		Contingencies including Postage.									
		14 Irrigation Divi- sions.									
		5 Military and Roads and Buildings Di- visions.									
		3 Superintending En- gineers' Offices.									
		4 Superintendents of Works' Offices.									
		1 Consulting Archi- tect's Office.									
		27 at Rs. 100 per men- sem.	...	2,700	32,400						
		Two Chief Engineers— Secretary to Government, P.W.D. ... 500 Chief Engineer for Irrigation. 150									
		650	...	650	7,800						
		Lithographic Depart- ment.	...	...	3,000	43,200	† 39,412	...	...	24,000	19,200
										43,200	
		Grand Total, Executive Branch.	...	...	...	12,55,313	20,61,483	...	...	...	...

* Excludes the sum of Rs. 1,200 provided for Mr. Wilson's Establishment on account of Travelling allowances.
† Do. do. Rs. 948 do. do. do. do. Contingencies.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART III—continued.

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

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	NUMBER.		CHARGES.	
1879-80.	1880-81.			Per Men- sem.	Per Annum.	Total.	Charges per Annum.	Irriga- tion.	General.	Irriga- tion.	General.
		ABSTRACT OF THE FOREGOING.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
		Engineer Establish- ment.	...	...	5,29,572	...	7,52,928	...	...	3,52,740	1,76,832
		Upper Subordinate Establishment.	...	...	2,18,760	...	3,22,044	...	...	1,40,592	78,168
		Lower Subordinate Establishment.	...	...	...	...	1,02,900	...	...	...	...
		Petty Establishment...	...	...	25,920	...	1,15,677	...	...	16,560	9,360
		Office Establishment...	...	...	1,49,266	...	2,84,484	...	...	88,707	60,559
		Irrigation Establish- ment.	...	...	1,43,595	...	1,39,488	...	...	1,43,595	...
		Temporary Establish- ment.	...	...	25,000	...	10,000	...	...	15,000	10,000
		Local Allowances	...	...	10,000	...	18,296	...	...	3,000	7,000
		Total, Salaries	...	...	...	11,02,113	17,45,817	...	...	7,60,194	3,41,919
		Travelling Allowances.	...	...	...	1,10,000	2,76,254	...	...	11,02,113	
		Contingencies	...	...	...	43,200	39,412	...	...	70,000	40,000
								...	...	24,000	19,200
		Grand Total for the Executive Branch...	...	...	...	12,55,313	20,61,483	...	...	8,54,194	4,01,119
										12,55,313	
		Contribution from Irriga- tion towards the expense of the Public Works Secretariat...	...	...	...	...	...	...	...	add 30,000	deduct 30,000
										8,84,194	3,71,119

	Irrigation.	Provincial.
	Rs.	Rs.
Executive Establishment as above...	8,84,194	3,71,119
Accounts do.*	92,075	38,645
Contribution to Local Funds for Minor Works executed by Local Fund Establishment.	...	20,000
	9,76,269	4,29,764
Contribution from Local Funds for work executed by Public Works Establishment...	30,000	20,000
Do. from Imperial Funds	25,000	1,00,000
	55,000	1,20,000
	9,21,269	3,09,764

* For details vide Appendix E.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART IV.

DETAIL OF THE BUDGET-ESTIMATE FOR TOOLS AND PLANT UNDER PROVINCIAL
SERVICES IN MADRAS FOR THE YEAR 1880-81.

Division.	Surveying and Mathe- matical Instruments.	Machinery.	Tools.	Plant.	Office Furniture.	Camp Equipage.	Live Stock.	Repairs and Carriage.	Total, 1880-81.	Estimate, 1879-80.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Arcot, North	232	...	500	...	50	20	...	250	1,052	...
Arcot, South	143	...	1,189	...	109	...	...	520	1,968	...
Buckingham Canal	...	...	200	...	100	...	...	100	400	...
Chingleput	...	...	...	...	...	...	...	300	300	...
Coimbatore	1,500	350	1,000	...	250	350	...	650	4,100	...
Cuddapah	200	...	2,600	...	50	...	...	900	3,750	...
Godavari, Eastern Delta	...	...	600	...	100	...	...	2,300	3,000	...
Do. Western Delta	131	...	200	...	200	...	...	30	561	...
Kistna, Eastern Delta	...	...	680	...	120	...	...	900	1,700	...
Do. Western Delta	...	...	500	...	...	...	...	100	600	...
Increase of Capital to the Dow- laishweram Workshop.—G.O., No. 4,582 W. of 2nd Decem- ber 1878.	...	...	20,000	...	...	...	...	...	20,000	...
Bervada Workshop	...	...	980	...	...	...	...	...	980	...
Negapatam	246	...	100	...	100	100	...	354	900	...
Nellore	...	...	100	...	...	...	...	300	400	...
Presidency	...	...	200	...	50	...	...	350	600	...
Increase of Capital to the Presidency Workshop.— G.O., No. 1,943 of 9th July 1875.	...	...	10,000	...	...	...	...	...	10,000	...
Repairs to Presidency Clocks:— vide G.O., No. 80 of 12th August 1875 and No. 3,468 of 18th December 1876.	...	...	...	...	...	...	...	1,344	1,344	...
Salem	...	...	...	...	...	...	...	100	100	...
Tanjore	100	...	300	...	50	100	...	200	850	...
Tinnevely	769	...	1,923	...	115	...	...	510	3,317	...
Trichinopoly	500	...	1,000	...	100	...	...	400	2,000	...
Vizagapatam	213	...	1,678	...	...	...	...	1,210	3,101	...
West Coast	538	...	1,595	...	...	...	...	850	2,983	...
General Superintendent, Public Works Stores.	...	...	3,600	...	...	...	...	6,000	9,600	...
Reserve at the disposal of Government.	...	...	...	...	...	...	...	...	10,000	...
Special Plant exclusive of Rs. 28,060 provided for London supplies.	...	...	...	85,017	...	...	...	...	85,017	...
London supplies	4,577	350	48,945	85,117	1,394	570	...	17,668	1,68,621	1,24,311
	...	...	...	...	...	...	...	...	28,000	48,206
									1,96,621	1,72,517

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART IV—concluded.

ABSTRACT OF THE FOREGOING PROVISION FOR TOOLS AND PLANT.

	Rs.	Rs.
Total of the details shown above	...	1,96,621
Distribution of the above—		
Contribution from Imperial Military Works at 2½ per cent. on the grant for works.	8,115	
Do. do. Other Services do. do.	1,958	
Do. from Irrigation at do. do.	1,57,996	
Do. Incorporated Funds	725	
Do. Excluded Funds	500	
	539	
	248	
		1,70,081
Balance from Provincial	...	26,540

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

PART VI.

ABSTRACT OF THE PROBABLE INCREASE OR DECREASE IN THE SUSPENSE BALANCES
OF THE DIVISIONS CLASSED AS PROVINCIAL FOR 1880-81 AND PROVIDED FOR IN
THE ORDINARY PROVINCIAL SERVICE BUDGET-ESTIMATE OF THE YEAR.

	STOCK.	STOCK PUR- CHASES AND SALES.	MISCELLA- NEOUS ADVANCES.	LONDON STORES.	LONDON INVOICES.	TOTAL.
	Ra.	Rs.	Ra.	Rs.	Ra.	Ra.
Actual Balance on 1st April 1879 ...	4,75,601	326	71,794	2,688	1,619	5,46,000
Probable charges during 1879-80 ...	3,54,686	1,00,487	5,53,181	5,317	17,666	10,31,337
Total ...	8,30,287	1,00,161	6,24,975	2,629	19,285	15,77,337
Probable credits or issues including sales and cash receipts during 1879-80.	2,98,420	76,503	5,68,185	2,629	19,285	9,65,022
Probable balance on 1st April 1880 ...	5,31,867	23,658	56,790	...	...	6,12,315
Probable charges during 1880-81 ...	6,83,024	2,14,581	9,73,129	91,582	1,02,476	20,94,792
Total ...	12,14,891	2,68,239	10,29,919	91,582	1,02,476	27,07,107
Probable credits or issues including sales and cash receipts during 1880-81.	6,61,341	2,46,981	9,60,573	91,582	1,02,476	20,71,953
Probable balance on 31st March 1881.	5,53,550	21,258	60,346	...	...	6,35,154
Results of operations of 1880-81, viz :—						
Increase ...	21,683	...	3,556	...	...	25,239
Decrease ...	...	2,400	...	...	...	2,400
Net ...	21,683	2,400	3,556	...	...	22,839

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

APPENDIX A.

DISTRIBUTION OF THE GRANTS FOR 1880-81 UNDER PROVINCIAL SERVICES ARRANGED
BY DEPARTMENTS AND OBJECTS OF WORK.

	MAJOR ORIGINAL WORKS.	MINOR WORKS.	REPAIRS.	TOTAL.	ESTAB- LISH- MENT.	TOOLS AND PLANT.	TOTAL, 1880-81.	ESTI- MATE, 1879-80.
	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.
CIVIL BUILDINGS.								
IMPERIAL PROVINCIAL SERVICES.								
Administration ...	1,06,690	...	...	1,06,690				
Minor Departments ...	...	...	...	...				
Law and Justice ...	9,100	...	...	9,100				
Ecclesiastical ...	14,300	...	...	14,300				
PROVINCIAL SERVICES.								
PROVINCIAL.								
Jails ...	58,800	...	...	58,800				
Police ...	15,900	...	...	15,900				
Medical ...	69,100	...	...	69,100				
Miscellaneous ...	63,680	...	31,050	94,730				
Minor Works ...	...	2,03,829	...	2,03,829				
TOTAL, CIVIL BUILDINGS.	3,47,570	2,03,829	31,050	5,82,449				
COMMUNICATIONS.								
Metal and Bridged Roads ...	56,200	...	20,453	76,653				
Navigable Canals ...	1,20,000	...	13,600	1,33,600				
TOTAL, COMMUNICATIONS...	1,76,200	...	34,053	2,10,253				
MISCELLANEOUS PUBLIC IMPROVEMENTS.								
Harbours and Navigation ...	...	...	2,000	2,000				
TOTAL, PROVINCIAL ..	5,23,770	2,03,829	67,103	7,94,702	3,02,919	26,540	11,24,161	18,25,237

* Exclusive of Rs. 1,00,000 for refund to Capital Productive Grant on account of Madras Water-supply and Irrigation Extension Project and Rs. 22,839 for Stock and Suspense.

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

GOVERNMENT

APPEN

ESTIMATED ACCOUNT OF RECEIPTS AND CHARGES OF THE BUILDINGS AND ROADS

ACCOUNTS.	BUDGET ESTIMATE, 1880-81.	REGULAR ESTIMATE, 1879-80.
To VALUE AT COMMENCEMENT OF YEAR	Ra. 2,07,951	Ra. 56,800
To CIVIL DEPARTMENT—		
Credit Orders	75,42,880	77,14,000
Provincial Service Receipts	1,57,000	1,57,000
Local Fund Receipts	5,86,410	4,36,449
Subscriptions to Service Fund	20,953	19,000
" to General Family Pension Fund... ..		1,000
" " Hindoo "		
Payments for land for Public Works	80,495	1,27,000
Supplies from Forest Department	18,363	38,000
Gain by Exchange... ..	28,862	28,000
Guaranteed Railways		3,000
Transfers, Miscellaneous	41,18,997	40,89,000
To MILITARY DEPARTMENT—		
Madras	27,248	47,000
Bombay	23	
Bengal	1,859	2,000
To TELEGRAPH DEPARTMENT	176	300
To TRANSFERS OF THE PUBLIC WORKS DEPARTMENT	26,88,385	67,35,000
To LONDON ACCOUNT—		
Stores	1,69,301	2,87,000
Miscellaneous	15,141	28,000
To IMPERIAL REVENUE RECEIPTS FROM MILITARY WORKS	18,400	14,000
" " " OTHER SERVICES	90,300	46,000
To SUSPENSE ACCOUNTS—		
Deposits—Ordinary Deposits	8,13,340	9,01,000
" Contribution Works (Military Works)		
" " Other Services		
Tucavee Advances		
Barrack Supplies		
Grand Total ...	1,65,86,084	2,07,29,549

MADRAS.

OF MADRAS.

DIX D.

BRANCH, PUBLIC WORKS DEPARTMENT, MADRAS, FOR THE YEARS 1879-80 AND 1880-81.

ACCOUNTS.	BUDGET ESTIMATE, 1880-81.	REGULAR ESTIMATE, 1879-80.
By CIVIL DEPARTMENT—	Ra.	Ra.
Provincial Service Expenditure	12,00,000	15,99,283
Local Fund Expenditure	42,11,654	36,74,840
Payments into Treasuries	10,16,592	16,22,000
Other Public Works Revenue realized in Civil Department		
Miscellaneous Receipts of Public Works realized in Civil Department		
Expenditure against Local Loans		
Contributions in aid of Public Works		
Guaranteed Railways		1,14,000
Transfers, Miscellaneous	56,64,463	45,78,000
By MILITARY DEPARTMENT—		
Madras	31,335	30,000
Bombay		
Bengal	8	
By TELEGRAPH DEPARTMENT		
By TRANSFERS OF THE PUBLIC WORKS DEPARTMENT	31,32,710	75,35,000
By NET EXPENDITURE IN INDIA AGAINST THE IMPERIAL BUDGET GRANT FOR MILITARY WORKS	4,13,877	4,05,186
Do. for Other Services	99,946	76,289
By SUSPENSE ACCOUNTS—		
Deposits—Ordinary Deposits	7,37,499	8,87,000
" Expenditure against Contributions for Military Works		
" " for Other Services		
Tucavee Advances		
Barrack Supplies		
TOTAL, CHARGES ...	1,65,08,084	2,05,21,598
By BALANCE AT END OF YEAR	78,000	2,07,951
Grand Total ...	1,65,86,084	2,07,29,549

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

APPENDIX E.

DETAIL OF THE BUDGET-ESTIMATE FOR THE ACCOUNTS BRANCH IN MADRAS
FOR 1880-81.

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	Remarks.
1879-80.	1880-81.			Per Mensem.	Per Annum.	TOTAL.		
			Rs.	Rs.	Rs.	Rs.	Rs.	
		<i>Examiner Establishment.</i>						
1	1	Examiner, 1st Class, 2nd Grade.	1,350					
		Net Military pay proper of a Major R.E.	182½	1,532½				
2	2	Deputy Examiner, 1st Grade.	550	1,100				
		Difference between the pay and allowances of a Staff Corps Officer and that of a Civilian.	50	50				
3	3	Total, Examiner Establishment.		2,682½	32,190		32,432	
		<i>Accountants.</i>						
2	1	Accountant, 1st Grade ...	400	400				
3	3	Do. 2nd do. ...	295	885				
10	4	Do. 3rd do. ...	200	800				
20	10	Do. 4th do. ...	115	1,150				
35	34	Do. 5th do. ...	57½	1,955				
70	52	Total, Accountants ...		5,190	62,280		95,970	
		<i>Office Establishment.</i>						
...	1	Clerk, 2nd Class, 2nd Grade	140	140				
1	...	Do. do. 3rd do.	110	...				
1	1	Do. 3rd do. 1st do.	90	90				
...	1	Do. do. 2nd do.	70	70				
2	3	Do. do. 3rd do.	55	165				
8	5	Do. 4th do. 1st do.	45	225				
8	6	Do. do. 2nd do.	35	210				
6	10	Do. do. 3rd do.	25	250				
5	3	Apprentices, 1st Grade ...	17½	52½				
31	30			1,202½	14,430			
		Menial Servants ...	...	102½	1,230			
		Total, Office Establishment.	...	...	15,660		15,270	
		Carried over ...	...	...	1,10,130		1,43,672	

PROVINCIAL SERVICES.
PUBLIC WORKS BUDGET-ESTIMATE.

MADRAS.

GOVERNMENT OF MADRAS.

APPENDIX E—continued.

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

NUMBER.		PARTICULARS.	SALARY OF OFFICE.	ESTIMATE FOR 1880-81.			ESTIMATE FOR 1879-80.	Remarks.
1879-80.	1880-81.			Per Mensem.	Per Annum.	TOTAL.		
			Rs.	Rs.	Rs.	Rs.	Rs.	
		Brought forward ...	...	...	1,10,130	...	1,43,672	
		Presidency House Rent...	...	...	3,000		A.	A. Amounts included in the provision for Rs. 12,400 entered against travelling and other allowances.
		Presidency Allowances ...	...	...	7,000		A.	
		Total Salaries ...	...	...		1,20,130	1,43,672	
		Travelling Allowances ...	...	...		2,400	12,400	
		Contingencies ...	...	...		4,500	6,300	
		Grand Total, Permanent.	...	...		1,27,030	1,62,372	
		Deduct contributions for four Accountants as follows :—						
		Madras Harbour Works 1						
		Presidency Workshops 1						
		Dowlaiswaram do. 1						
		Central Office ... 1						
						5,910		Salary of one, 3rd grade, at Rs. 200 .. 200 Presidency house-rent.. 10 Do. allowance.. 50 Salary of three, 5th grade, at Rs. 57½ .. 172½ Presidency house-rent of do. at Rs. 5... 15 Do. allowance of do. at Rs. 15 .. 45 or Rupees 492½ per annum.
		Net Total, Permanent ...	...	...	..	1,21,120		
		Temporary office establishment for the preparation of the Capital and Revenue Accounts, vide G.Os. Nos. 3 443, 412 I., and 948 I., dated 3rd December 1875, 15th May 1878 and 21st November 1878, respectively.	...	800	9,600	9,600	9,600	
		Total, Provincial Accounts Branch.	...	...	...	1,30,720	1,71,972	

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

9th March 1880, No. 569 W.

Account.
General.

Read the following papers:—

No. 36.	From the Suptg. Engineer, First Circle, dated 30th Oct. 1879, No. 533.		
No. 37.	Do. do. do. do. 9th Dec. " " 1,934.		
No. 38.	Do. do. Second Circle, " 5th Oct. " " 3,111.		
No. 39.	Do. do. Third Circle, " 7th Nov. " " 6,546.		
No. 40.	Do. do. do. " 15th " " " 6,731.		
No. 41.	Do. do. Fourth Circle, " 23rd Sept. " " 602.		
No. 42.	Do. do. do. " 21st Oct. " " 652.		
No. 43.	Do. do. do. " 7th Nov. " " 685.		
No. 44.	Do. do. Fifth Circle, " 24th Oct. " " 1,750.		
No. 45.	Do. Consig. Architect to Govt., " 18th Sept. " " —		
No. 46.	Do. Genl. Superintendent, P. W. Stores and Workshops, " 19th Nov. " " 844.		
No. 47.	Do. do. do. " 17th Dec. " " 939.		
No. 48.	Do. do. do. " 10th Nov. " " 3,227.		
No. 49.	Do. Private Secretary to His Grace the Governor, " 18th Oct. " " 30.		
No. 50.	Do. President, Madras Municipality, " 14th " " " 794.		
No. 51.	Proceedings, Financial Department, dated 20th January 1880, No. 135.		

No. 52. ORDER THEREON, 9th March 1880, No. 569 W.

THE grant from Provincial Funds assigned to the Public Works Department in G.O., No. 135, dated 20th January 1880, Financial Department, is Rs. 12,00,000, and is thus distributed:—

Original Works—		RS.	RS.
Civil Buildings	...	3,22,570	
Communications	...	1,76,200	
Miscellaneous Public Improvements including the refund to Extraordinary Grant on account of Madras Water-supply Project, being first instalment towards balance of Rs. 6,28,000; vide G.O., No. 662 W., dated 5th March 1880...		1,00,000	
Total ...		5,98,770	
Repairs—			
Civil Buildings	...	9,050	
Communications	...	34,053	
Miscellaneous Public Improvements	...	2,000	
		45,103	
Establishment	...	3,02,919	
Tools and Plant	...	26,540	
Suspense	...	22,839	
Reserve at the disposal of Government	...	2,03,829	
Total ...		12,00,000	

2. Owing to the smallness of the grant assigned for Public Works it has not been found possible to make provision for several of the works brought forward by

Superintending Engineers, or to place the usual lump sums at their disposal for undertaking Minor New Works.

3. A reserve of Rs. 2,03,829 has, however, been retained at the disposal of Government with a view of making further appropriations for works, the urgency of which may be hereafter established by the Departments concerned. This arrangement has been rendered necessary as, owing to the late date at which this Department was informed of the funds which would be at its disposal for the coming official year and the extensive reductions thereby entailed, it has been impossible to determine with sufficient precision the relative urgency of many of the projects which stand ready for execution.

4. With a view to meet the difficulty which has thus arisen, while at the same time framing a programme of those works about whose progress there is no doubt, all sanctioned works have been divided into two classes, A and B, the former comprising those which it has been decided to undertake, and for which specific appropriations have been made, and the latter those not as yet provided for, but for which funds will be made available from the reserve, should the necessity for undertaking them hereafter be clearly established.

5. It will be distinctly understood that no expenditure whatever is to be incurred on works other than those for which specific appropriations have been made, and that the expenditure on tools and plant should be restricted to what is absolutely necessary.

6. As regards the entry of Rs. 1,20,000 under Communications for certain works in the Buckingham Canal, it is necessary to observe that circumstances have arisen which point to the necessity for reconsidering many of the leading features of the estimate that had been prepared for submission to the Government of India. The work, carried out with great energy during the famine to very nearly its present extent, had not till the past year been in any way tested by a cyclone flood. In both May and November 1879 severe though probably not cyclones of maximum intensity visited the littoral tracts through which the canal has been carried, and, as might have been expected, have taught many sound lessons in reference to the work. It will, however, here suffice to say, that while no time is being lost in reference to the framing of a complete estimate, there will necessarily be some delay, and in the meanwhile the expenditure now entered is essential towards correcting the most obvious of the defects of the work as shown by the storms alluded to. As cyclones of the same character may occur at any time within the cyclone period, it is of primary importance that these defects should without any delay be rectified.

7. With these remarks the Provincial Budget for 1880-81 is circulated for the information and guidance of the officers of the Department.

(True Extract.)

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

To the Superintending Engineers.
 „ Examiner of Public Works Accounts.
 „ Financial, &c., Departments.
 „ Revenue Department.
 „ Board of Revenue.
 „ Accountant-General.
 „ Inspector-General of Jails.
 „ do. of Police.
 „ Superintendents of Works.
 „ Consulting Architect.
 „ Chief Engineer for Irrigation.

Exd. S. T. Austin.
Spare Copies

3428

B

Please report
how the work stands
with respect to
funds.

G
30/5/82

S. A. W.

No provision made
in the Budget, nor
have funds been
yet provided. As 2024
the full amount of
Estimate can be
allotted from the
Assess grant. The
balance at which
stands at Rs 175186

W. S. S.
30/5/82

ACCOUNT.
GENERAL.

Govt. of (1880) Madras.
PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEERS,
&c., &c., &c.

Dated March, 9th.

Issued

Recd.

Encl.

G. O., 9th March 1880, No. 569 W.

MARCH.
Nos. 36-52.

Provincial Budget for 1880-81—Passing
orders on the —.

SUPERINTENDING ENGINEER'S OFFICE,

MADRAS,

Chepauk, 11.5.82: 1881.

No. 3204.

From

THE SUPERINTENDING ENGINEER,

1st Circle,

To

THE Chief Engineer
P.W. Department
Madras.

Sir,

Enclosures.

With reference to para 2 of
G.O. No. 2077 W dated 22. September 80,
I have the honour to submit a plan
and Estimate of Rs 2024 for providing
separate accommodation for the
aggregation of violent or noisy patients
in the Asylum at Wallan.

The Plan and Estimate are ap-
proved by the Superintendent of the
Asylum.

I have the honour to be
Sir
Your most obedient servant
W. S. S.
Superintending Engineer
P.W. Dept.

P. W. SECRETARIAT-1879-80.

KEEP-WITH.

Current No. 891.

Letter No. 3204.

Dated the 11th February 1881.

from the Supg Engr. 1st Circle.

Note of Remarks.

The Plan & Estimate with Report for Providing separate accommodation for the segregation of Violent or Noisy patients in the Lunatic Asylum at Wallan, Vizagapatam District - amounting to Rs. 2024 - have been prepared in accordance with the views of the late Supg. of the Lunatic Asylum.

The Estimate provides for converting the Civil Male & female workshops into 6 solitary cells for Violent & Noisy male Lunatics & 2 for female Lunatics, & the Criminal Male Cottage into 6 solitary cells for Criminal Lunatics.

The Rates more or less agree with the District Schedule.

The Plan & Estimate have been approved of & counter-signed by the Supg. of the Lunatic Asylum.

16th February 1881.

g.h.

Cir 18. 2. 81. K-21.2

From J. W. C. 891.
The Superintending Engineer,
1st Circle,

To
The *Ch. Engineer*
M.D.

Dated 11th Feb 1881.
Recd. 12th

ENCLOSURES.

3
+ 1 plan

No. 3204.

Asylum at Wallan.

Forwarding Est. of Rs. 2024.

for providing separate accommodation for the segregation of Violent or Noisy patients within -

C. No. 891

P. W. Secretariat.

Note by Budget Section.

Work Remarks and References.

Providing separate accommodation for the segregation of Violent or Noisy patients in the Lunatic Asylum at Wallan

Fund Provincial.
Class Civil Buildings - Bldg Works

Amount of estimate Rs. 2024

Expenditure in previous year " "

Allotment in current year " "

Balance required to complete " 2024

Total Rs. 2024

Note of available funds.

None available in the current off year, but can be provided from the Reserve of next year.

R.P.
Budget Superintendent.

16/2/81

No. 4418

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 21st Feb/81 -

Read the following :—

Note by Budget Section.

From the Supt. Engr 1st Circle H.B. No 3204 of 11th Feb 1881.

The estimate amounting to Rs 2024, for providing separate accommodation for the segregation of violent or noisy patients in the Lunatic Asylum at Waltair, is sanctioned.

2. The Supt. Engr 1st Circle will include the work in his statement of demands against the Reserve of 1881-82.

3. This sanction has been registered as Provincial No 85 B of 1880-81, & classified as Civil Buildings, Orig. Works.

To The P. E. 1st Circle
with 2 envelopes ✓
" Engr. P. W. Asst. ✓
" with the Estimate ✓
" Ind. Engr. Dept. ✓

Done 22-2-81

17/2/81 [Signature] L 14

Handwritten text, possibly a signature or date.

*Handwritten text: 20770.
2-8-81*

Handwritten text: 4714. 721 July 181

Handwritten text: 317 2318

Handwritten text: Cir 18. 2. 81. R. 21. 2.