(1) Number of pages 10.

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No. / ~~B.P. No.~~	2795	Press. / Mis.
Dated	19-11-1878.	~~197~~ .

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2795/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

15th October 1878, No. 4,020 W.

General Account.

Read the following papers:—

No. 199-A.	From	District Engineer,	Ganjam,	dated	4th Sept.	1878,	No. 51.
,, ,,	,,	,,	Godavari,	,,	9th ,,	,,	,, 1,858.
,, ,,	,,	,,	Kistna,	,,	23rd Aug.	,,	
,, ,,	,,	,,	Nellore,	,,	4th Sept.	,,	
,, ,,	,,	,,	Chingleput,	,,	13th ,,	,,	No. 131.
,, ,,	,,	,,	South Arcot,	,,	26th Aug.	,,	,, 191.
,, ,,	,,	,,	Tanjore,	,,	31st ,,	,,	,, 2,006.
,, ,,	,,	,,	Malabar,	,,	22nd ,,	,,	,, 57.
,, ,,	,,	,,	S. Canara,	,,	19th ,,	,,	,, 51.
,, ,,	,,	,,	Madura,	,,	11th Sept.	,,	
,, ,,	,,	Salt Commissioner,		,,	9th ,,	,,	No. 1,192.
,, ,,	,,	Director-General of Post Offices,		,,	26th Aug.	,,	,, 5,415.
,, ,,	,,	do. of Telegraphs,		,,	6th Sept.	,,	,, 2,502.
,, ,,	,,	Master Attendant, Madras,		,,	20th ,,	,,	,, 7,106.
,, ,,	,,	Military Department,		,,	21st ,,	,,	,, 4,945.
,, ,,	,,	Government of India,		,,	16th ,,	,,	No. 668 A.G.
,, ,,	Telegram from the Govt. of India,			,,	11th Oct.	,,	

BUILDINGS AND ROADS.

SCHEDULE of the Probable Requirements of the Madras Presidency on account of Imperial Works for 1879-80.

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1879.	Estimate 1879-80.	No.	Remarks or References.
			ORIGINAL WORKS.					
			MILITARY.	RS.	RS.	RS.		
Bellary ..	1	Bellary ..	New pattern punkahs throughout the barracks 2/13 Light Infantry.	..	..	4,300	1	Estimate awaited.
Do. ..	2	Do. ..	Bakery, Commissariat Department.	..	..	5,000	2	Do.
Do. ..	3	Do. ..	Slaughter-house and hanging shed.	..	..	8,000	3	Do.
Presidency ..	4	Fort St. George.	Additional story to the quarters occupied by the Commissary of Ordnance.	9,220	6,490	7,000	4	G.O., No. 1,933 W, of 4th December 1877.
Do. ..	5	Vysarpaudy.	Buildings for press pumps with gear for granulating, pebble making 8 horse power engine and two boilers at the Gun Powder Factory.	..	..	20,000	5	Estimate awaited.
Do. ..	6	Do. ..	Buildings for charcoal pulverizing, sulphur grinding mixing machine, 8 horse power engine and two boilers at the Gun Powder Factory.	..	..	10,000	6	Do.
Do. ..	7	Do. ..	Buildings for glazing, dusting separating 12 horse power engine and two	..	..	40,000	7	Do.
Do. ..	8	Do. ..	Building for six mills (including engine horse, chimney boilers, house, six mill rooms, green charge room, watch house for Europeans and Natives, tramway, compound wall and road) at the Gun Powder Factory.	..	..	30,000	8	Do.
Do. ..	9	Do. ..	Enlarging existing quarters of millmen and supervisors for residence of Master-worker and Master-refiner at the Gun Powder Factory.	10,170	5,000	5,200	9	G.O., No. 73, of 12th June 1871. Item No. 13 of Class C works of budget of 1878-79.
Do. ..	10	Do. ..	Upper story to one of the cooperage shed, Commissariat Department.	..	..	7,000	10	Estimate awaited.
Do. ..	11	Do. ..	Slaughter-house, Commissariat Department.	..	..	11,000	11	Do.
Do. ..	12	Do. ..	Quarters for station butcher, do.	..	..	3,000	12	Do.
Chingleput ..	13	Poonamallee.	New double storied barracks for 200 men with out-houses.	1,66,885	11,260	60,000	13	G.O., No. 2,316 W., of 28th May 1878. *Vide* No. 2,317 W to the Government of India.
			New quarters for 30 families with do.	82,300				
			Do. for Apothecary.	7,150				
			Alterations to existing buildings and demolitions.	18,476				
				2,74,811				
			Deduct value of old materials.	4,305				
				2,70,506				

SCHEDULE of the Probable Requirements of the Madras Presidency on account of Imperial Works for 1879-80—*continued*.

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1879.	Estimate 1879-80.	No.	Remarks or References.
			MILITARY—*contd.*	RS.	RS.	RS.		
Chingleput ..	14	Poonamallee.	Double storied hospital for 90 patients with out-houses.	102,000	96,000	2,000	14	G.O., No. 2,176, of 18th August 1876.
Do. ..	15	Do. ..	New cook-house fitted with a Duffs' range for the new hospital.	..	..	3,700	15	Estimate awaited.
Do. ..	16	Pallavaram ..	New lines for a whole Native Regiment.	..	..	80,000	16	Do.
Do. ..	17	St. Thomas' Mount.	General improvements to Commissariat Godown.	..	..	3,000	17	Do.
Do. ..	18	Do. ..	Expense Magazine at the Butts near the Gun and Mortar Batteries.	..	..	5,000	18	Do.
Salem ..	19	Oosoor ..	Alteration to forty horse stables.	..	..	6,000	19	Do.
Bangalore ..	20	Bangalore ..	Additional works in connection with Ulsoor water-supply project.	66,598	52,500	14,000	20	Sanctioned by Government of India. Register No. 36 M W of 1877-78. G.O., No. 589 W, of 16th August 1877. Item No. 16 of budget of 1878-79.
Do. ..	21	Do. ..	Quarters for Quartermaster Serjeant, Royal Horse Artillery, Ulsoor Barracks.	4,220	..	4,220	21	G.O., No. 1,670, of 14th June 1875. Item No. 1 of Class C works of budget of 1878-79.
Do. ..	22	Do. ..	Cost of road from Trinity Church to Agram Barracks.	9,200	..	9,200	22	Sanctioned by the Government of India. Register No. 8 MW 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 1878-79.
Do. ..	23	Do. ..	Drainage of Native Infantry Lines.	14,400	13,400	1,000	23	G.O., No. 126, of 26th May 1873. Item No. 21 of budget of 1878-79.
Do. ..	24	Do. ..	School for Royal Horse Artillery and Royal Artillery.	11,700	..	11,700	24	G.O., No. 1,123 W, of 19th October 1877.
Do. ..	25	Do. ..	Improvements to Dumloor tank.	Approx. 20,000	10,000	10,000	25	G.O., No. 524, of 25th Feb. 1876. Detailed Estimate awaited. Item No. 17 of budget of 1878-79.
Do. ..	26	Do. ..	New wall round forage yard of the Royal Horse Artillery.	..	..	2,500	26	Estimate awaited.
Do. ..	27	Do. ..	Cart shed 90×25 at Karkhana, Commissariat Department.	..	..	4,500	27	Do.
Do. ..	28	Do. ..	Quarters for a Staff Serjeant of the Commissariat Department at or near the public cattle line, Bangalore.	..	..	4,000	28	Do.
Do. ..	29	Do. ..	Do. for School-master and School-mistress, European Infantry.	..	..	7,000	29	Do.
Do. ..	30	Do. ..	New Armourers' shop, Parade Barracks.	..	..	5,400	30	Do.
Do. ..	31	Do. ..	Quarters for Band Master Serjeant, Cavalry.	..	..	5,000	31	Do.
Do. ..	32	Do. ..	Do. do. European Infantry.	..	..	5,000	32	Do.
Do. ..	33	Do. ..	Sifting-room, Commissariat Department.	..	..	4,000	33	Do.

SCHEDULE of the Probable Requirements of the Madras Presidency on account of Imperial Works for 1879-80—*continued.*

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1879.	Estimate 1879-80.	No.	Remarks or References.
			MILITARY—*contd.*	RS.	RS.	RS.		
Trichinopoly.	34	Trichinopoly.	Extending barrack accommodation for the Royal Artillery.	4,000	..	4,000	34	G.O., No. 1,871, of 24th July 1876. Item No. 2 of Class C works of budget of 1878-79.
Do. ..	35	Do. ..	Central school for the Battery and Detachment, European Infantry, for men and children of both services.	..	..	12,200	35	Estimate awaited.
Do. ..	36	Do. ..	Guard-room, lock-up, and three cells for Detachment, British Infantry, including wash-house and privy.	..	..	14,000	36	Do.
Do. ..	37	Do. ..	Plunge bath for Detachment, British Infantry.	..	..	3,000	37	Do.
Do. ..	38	Do. ..	Gymnasium for Battery of Artillery.	..	..	11,800	38	Do.
Nilgiri ..	39	Wellington.	Bath-rooms to wash-houses.	3,120	..	3,000	39	G.O., No. 1,472, of 4th June 1874. Item No. 5 of Class C works of budget of 1878-79.
Do. ..	40	Do. ..	New latrines on dry earth system.	3,750	..	3,750	40	G.O. No. 999, of 26th March 1874, M.D.
Do. ..	41	Do. ..	Timber bridge over the Waterloo stream.	12,200	15,334	10,000	41	G.O., No. 941 W, of 9th October 1877. Revised estimate under consideration.
Malabar ..	42	Cannanore ..	Painting doors and windows of barracks, married quarters and outhouses, European Infantry Regiment.	4,430	..	4,430	42	G.O., No. 1,866, of 3rd July 1875. Item No. 3 of Class C works of budget of 1878-79.
Do. ..	43	Do. ..	Two additional Staff Sergeants' quarters for European Infantry Regiment.	..	..	7,000	43	Estimate awaited.
Do. ..	44	Do. ..	Latrines and dry earth-work stores for one Native Infantry Regiment.	..	..	7,100	44	Do.
Do. ..	45	Do. ..	Double skittle alley for European Infantry Regiment.	..	..	5,000	45	Do.
Do. ..	46	Do. ..	Converting one of the disused Artillery stables into a bakery for the use of the troops.	..	..	7,000	46	Do.
Do. ..	47	Do. ..	Punkahs for European Regiment.	..	..	10,000	47	Do.
	48	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	5,00,000 1,50,000	48	
	49	..	Repairs	..	..	2,50,000	49	
			Total, Military ..	..	..	9,00,000		
			ORIGINAL WORKS.					
			CIVIL BUILDINGS.					
			Postal Buildings.					
Nilgiri ..	50	Kotagiri ..	New Post Office	..	..	3,500	50	Estimate awaited.
Presidency ..	51	Ootacamund.	Do. ..	..	..	5,000	51	Estimate in circulation.
	52	Madras ..	Do. ..	2,45,010	..	50,000	52	Sanctioned by Government of India, Register No. 36 B of 1876-77. G.O., No. 1,138, of 8th May 1876.
						58,500		

SCHEDULE of the Probable Requirements of the Madras Presidency on account of Imperial Works for 1879-80—*continued.*

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1879.	Estimate 1879-80.	No.	Remarks or References.
				RS.	RS.	RS.		
			Postal Buildings—contd.					
	54	..	Grant for Minor Works the estimated cost of which does not exceed Rs. 2,500 each.	..	..	9,000	53	
	54	..	Repairs	..	..	5,000	54	
			Total, Postal Buildings ..	..	..	72,500		
			Telegraph Buildings.					
Presidency ..	55	Madras ..	Telegraph Office ..	2,57,192	..	1,00,000	55	Sanctioned by Government of India. Register No. 36 B of 1876-77. G.O., No. 1,138, of 8th May 1876.
						10,000	56	Estimate in circulation.
Nilgiri ..	56	Ootacamund.	Do.	..	..	1,10,000		
			(To be combined with Post Office.)	..	..	10,000	57	
	57	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	5,000	58	
	58	..	Repairs	..	..	1,25,000		
			Total, Telegraph Buildings ..	..	..			
			Salt Works.					
Ganjam ..	59	Ganjam ..	Removing and reconstructing Police huts near Ganjam and Hoona salt-pans.	..	..	2,000	59	Estimate awaited.
Do. ..	60	Do. ..	Constructing masonry bridge in lieu of the wooden bridge between Ganjam pans and Chilka canal.	..	..	3,880	60	Do.
Kistna ..	61	Pondrada ..	Police lines	4,607	2,000	2,500	61	G.O., No. 3,028 W, of 29th July 1878. Item No. 33 of budget of 1878-79.
Do. ..	62	Nizampatam.	Do.	3,562	2,000	1,560	62	G.O., No. 3,028 W, of 29th July 1878. Item No. 32 of budget of 1878-79.
Do. ..	63	Chinnaganjam.	Do.	4,589	2,000	2,589	63	G.O., No. 3,028 W, of 29th July 1878. Item No. 31 of budget of 1878-79.
Do. ..	64	Do. ..	Salt kacheri	..	2,000	1,000	64	Estimate awaited. Item No. 35 of budget of 1878-79.
Do. ..	65	Nizampatam.	Improvements to Salt kacheri.	..	2,000	1,260	65	Estimate awaited. Item No. 34 of budget of 1878-79.
Do. ..	66	Masulipatam and Munganapudi.	Excavating a navigable canal from Masulipatam to Salt Cotaur at Munganapudi.	68,380	..	20,000	66	G.O., No. 188, dated 26th October 1874, R.D.; G.O., No. 173, dated 23rd November 1874, P.W.D.; G.O., No. 1,598, of 19th September 1874, R.D.; and No. 43 of 11th January 1875, R.D.; G.O., No. 2,081, of 8th August 1877, P.W.D.

SCHEDULE of the Probable Requirements of the Madras Presidency on account of Imperial Works for 1879-80—*continued.*

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1879.	Estimate 1879-80.	No.	Remarks or References.
				rs.	rs.	rs.		
			Salt Works—contd.					
Nellore ..	67	Timmalapenta.	Making a road from the trunk road near Kavali to Timmalapenta salt platform.	..	15,000	6,500	67	Estimate awaited.
Do. ..	68	Duguraupapatam.	Constructing new police lines for the salt guard.	4,200	3,100	1,100	68	G.O., No. 3,428, of December 187 Board's Proceedin No. 7,017, of August 1875. Nos. 36 of budget 1878-79.
Do. ..	69				1,000	3,000	69	Estimate awai Item No. 37 budget of 1878-79.
Do. ..	69	Beerungunta.	Making an approach to the north platform.	..	1,000	3,000	70	Estimate awai Item No. 38 budget of 1878-79.
Do. ..	70	Do. ..	Making an approach from Beerungunta to Devarampadu.	..	1,040	3,000	71	Estimate awai Item No. 39 budget of 1878-79.
Do. ..	71	Do. ..	Palisade with stone pillars in chunam and palmyra rails to three salt platforms.	..	..	6,000	72	Estimate awaited.
South Arcot ..	75	..	Repairing and improving the Kandadai lattice bridge.	..	..	2,000	76	Estimate awaited.
Do. ..	76	..	Head sluice to the Chinnampet brine supply channel.	..	..	7,600	77	G.O., No. 2,82 19th July 187
Tanjore ..	77	Negapatam	Constructing police huts for one Head Constable and twenty Constables.	7,620	..			
Malabar ..	78	Cannanore. Etticolum. Madai .. Belliapatam Edacaad .. Tellicherry. Cavoy .. Badagarai.	Constructing seven salt preventive police stations at Rupees 900 each.	..	..	6,300	78	Estimate aw
Do. ..	79	Trikodi .. Quilandi .. Chambain. Tanur .. Peroni .. Ponani .. Tirur .. Edikate. yoor.	Do. four do. at Rupees 900 each.	..	..	3,600	79	Do.
Do. ..	80	Chetivaya. Papanivattam. Valapaad. Madubagum Calicut .. Beypore .. Perpangadi.	Do. twelve do. at Rupees 800 each.	..	..	9,600	80	Do.
Madura ..	81	Vyravanadapatam Attengarai.	Masonry buildings for salt division offices each at Rupees 1,900.	3,800	1,900	1,900	81	Proceedings Board of No. 9,023, October 187 854 of 28th 1876; and No 26th May 18 No. 46 of b 1878-79.

SCHEDULE of the Probable Requirements of the Madras Presidency on account of Imperial Works for 1879-80—*continued.*

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1879.	Estimate 1879-80.	No.	Remarks or References.
				rs.	rs.	rs.		
			Salt Works—contd.					
Madura ..	82	Attengarai ..	Cutting a channel from the sea to the pans for supplying sea-water for the manufacture of salt.	..	2,000	2,000	82	Estimate awaited. Item No. 48 of budget of 1878-79.
Do. ..	83	Morecolum..	Construction of tunnels and side dams on the cross road from Morecolum station to the road between Madura and Ramnad.	3,450	2,000	1,450	83	Proceedings of the Board of Revenue, No. 3,414, of 26th April 1875. Item No. 47 of budget of 1878-79.
						3,000	84	Estimate awaited.
Godavari ..	84	..	Metalling and gravelling salt roads in the Godavari District.	..	..	40,000	85	G.O., No. 2,776, of 17th October 1878; and No. 200, of 22nd January 1877. G.O., No. 1,338 W, of 11th March 1878.
Do. ..	85	..	Canal from the Cocanada canal to the salt pans.	1,04,090	..	6,300	86	G.O., No. 2,844 W, of 12th July 1878. Item No. 43 of budget of 1878-79.
Tanjore ..	86	Vadarniem..	Huts for two Head Constables and nineteen Constables.	8,310	2,000	2,000	87	G.O., No. 813 W, of 18th February 1877. Item No. 44 of budget of 1878-79.
Do. ..	87	Cuthmavady.	Do. for one do. and 9 do.	5,540	3,500	1,72,550	88	
						15,000		
Do. ..	88	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	10,000	89	
Do. ..	89	..	Repairs	..	..	1,07,550		
			Total, Salt Works ..	..	..	5,540	90	Estimate awaited. Item No. 50 of budget of 1878-79.
			Miscellaneous Public Improvement.					
Kistna ..	90	False Point, Divi.	Construction of beacon ..	..	..	75,000	91	Do. Item No. 51 of do.
Tinnevelly ..	91	Muttum ..	Do. of light-house ..	..	..	80,540		
						2,500	92	
	92	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	2,000	93	
	93	..	Repairs	..	..	85,040		
			Total, Miscellaneous Public Improvement.	..	..			

STATEMENT showing the Probable Amount that will be required in the Madras Presidency on account of Imperial Works, &c., for 1879-80 under each head of Service.

	Original Works. Major Works.	Minor Works.	Total.	Repairs.	Establishment.	Tools.	Total.
	rs.	rs.	rs.	rs.	rs.	rs.	rs.
Military	5,00,000	1,50,000	6,50,000	2,50,000	2,25,000	22,500	11,47,500
Other Services.							
Postal Buildings	58,500	9,500	67,500	5,000	16,875	1,687	91,062
Telegraph do.	1,10,000	10,000	1,20,000	5,000	31,250	3,125	1,59,375
Salt Works	1,72,550	15,000	1,87,550	10,000	49,387	4,938	2,51,875
Miscellaneous Public Improvement.	80,540	2,500	83,040	2,000	21,260	2,126	1,08,426
	9,21,590	1,86,500	11,08,090	2,72,000	3,43,772	34,376	17,58,238

No. 199-B. ORDER THEREON, 15th October 1878, No. 4,020 W.

ORDERED that the Schedule of Funds required for Imperial Works under Roads and Buildings, in 1879-80, be forwarded to the Government of India and also circulated to Superintending Engineers, who will lose no time in preparing and submitting the necessary plans and estimates for all works for which estimates are awaited.

2. Unless plans and estimates are duly submitted before 15th December next, when the Preliminary Issue of the Budget will be completed for submission to the Government of India, appropriation of funds cannot be relied on.

(Here enter No. 4,021 W, dated 15th October 1878.)

(True Extract.)

F A Bond Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Military Department.
„ Revenue do.
„ Financial do.
„ Examiner of Public Works Accounts.

Exd. E. C. Shunker.
Spare Copies

Revenue 1878 Department
No 5056.

GENERAL
ACCOUNT.

Govt. of (1878) Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated October 1878.

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

OCTOBER.

Mad: 198 A-103-R.

Schedules of Funds received for Imperial Works under Roads and Buildings 1870-80 —Ordered to be forwarded to the Government of India.

No 2795
Communicated to the
Board of Revenue
19 Nov 78.

14 Feb 80 Rec'd 20 Feb Ans