(1) Number of pages 5 Sheets.

(2) Date of repair

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No:	6088	Press. / Mis.
Dated	18.10-1877.	197 .

Not to be folded or roughly handled

Archives I—10,006—19-4-79.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

1st October 1877, No. 824 W.

Buildings and Roads Account

Read the following:—

No. 28.

Schedule of the probable requirements of the Madras Presidency on account of Imperial Works for 1878-79.

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1878.	Estimate, 1878-79.	No.	Remarks or References.
			ORIGINAL WORKS.	Rs.	Rs.	Rs.		
			Military.					
Bellary ...	1	Bellary ...	Double latrine for the European Infantry Regiment.	...	...	3,000	1	Estimate awaited.
Do. ...	2	Do. ...	Double wash-houses and urinals for the European Infantry Regiment.	7,645	...	7,640	2	G.O. No. 21 W of 4th May 1877.
Do. ...	3	Do. ...	Drainage of the married quarters of the European Regiment.	9,390	...	9,390	3	Estimate under consideration. Work approved in G.O. No. 2,385 of 20th April 1877, Military Department.
Do. ...	4	Do. ...	Two latrines for the lines of the 21st Regiment, Native Infantry.	4,290	...	2,860	4	G.O. No. 735 of 22nd March 1876. Three latrines were sanctioned, only two are recommended for 1878-79.
Do. ...	5	Do. ...	Water Supply Project	1,41,628	1,36,670	5,000	5	G.O. No. 3,118 of 2nd November 1874. Item No. 10 of Budget of 1877-78.
Presidency ...	6	Fort St. George.	Additional story to the quarters occupied by the Commissary of Ordnance.	...	...	7,100	6	Estimate awaited. Called for in G.O. No. 1,101 of 3rd May 1876.
Do. ...	7	Veysarpady ...	Enlarging existing quarters of Millmen and Supervisors for residence of Master Worker and Master Refiner at the Gun Powder Factory.	10,170	...	10,000	7	G.O. No. 73 of 12th June 1871.

Schedule of the probable requirements of the Madras Presidency on account of Imperial Works for 1878-79—(Continued).

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1878.	Estimate, 1878-79.	No.	Remarks or References.
			Military—(Continued).					
				Rs.	Rs.	Rs.		
Presidency ...	8	Veysarpady ...	A building for charcoal pulverizing, sulphur grinding mixing machine, 8 horse power engine, and two boilers at the Gun Powder Factory.	...	...	16,500	8	Estimate awaited Called for in G.O. No. 119 of 19th January 1874.
Do. ...	9	Do. ...	A building for press, pumps with gear for do., granulating pebble powder making 8 horse power engine, and two boilers at do.	...	...	57,300	9	Do. do.
Do. ...	10	Do. ...	A building for glazing, dusting, separating two 12 horse power engine and 2 boilers at do.	...	...	96,700	10	Do.
Do. ...	11	Madras ...	Corrugated roof to one of the gun sheds now used as a painter's shop at the Gun Carriage Factory.	...	...	5,500	11	Estimate awaited.
Do. ...	12	Do. ...	Entire new set of lines at Poodoopett for the Native Infantry Regiment now stationed at Vepery.	...	...	50,000	12	Estimate awaited. Approved by Government of India. G.O. No. 2,967 of 4th November 1876.
Do. ...	13	Veysarpady ...	Additional group of incorporating mills for the Gun Powder Factory.	54,010	40,000	14,000	13	G.O. No. 655 W of 27th August 1877. Item No. 8 of Budget of 1877-78.
Chingleput ...	14	Poonamallee ...	New double-storied barracks for 200 men with out-houses.	1,68,070	7,610	40,000	14	Estimate of Rupees 2,68,370 forwarded to Government of India with letter No. 2,221 of 22nd August 1876 has been generally approved by that Government. G.O. No. 452 of 8th February 1877. Items 7 to 11 of preliminary issue of Budget of 1877-78.
			New quarters for 30 families with do.	80,150				
			Do. for Apothecary ...	7,150				
			Alterations to existing buildings and demolitions.	13,000				
			New Fives and Racket Court ...	...				

Bangalore ...	15	Bangalore ...	Additional works in connection with Ulsoor Water Supply Project.	66,598	12,500	40,000	15	Sanctioned by Government of India. Register No. 35 M.W. of 1877-78. G.O. No. 589 W of 16th August 1877 Item No. 9 of Budget of 1877-78.
Do. ...	16	Do. ...	Constructing quarters for Quartermaster Serjeant, R.H.A., Ulsoor Barracks.	4,220	...	4,220	16	G.O. No. 1,670 of 14th June 1875. Item No. 3 of Class C. Works of Budget of 1877-78.
Do. ...	17	Do. ...	Cost of road from Trinity Church to Agram Barracks.	9,200	...	9,200	17	Sanctioned by the Government of India. Register No. 8 M.W. of 1874-75. G.Os. 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.
Do. ...	18	Do. ...	Drainage of Native Infantry lines.	14,400	6,400	5,000	18	G.O. No. 120 of 20th May 1873. Item No. 7 of do.
Do. ...	19	Do. ...	Constructing a school for Royal Horse Artillery and Royal Artillery.	11,700 Approximate.	...	11,700	19	Estimate under consideration.
Do. ...	20	Do. ...	Improvements to Dumloor tank ...	20,000	...	10,000	20	G.O. No. 524 of 25th Feb 1876.
Do. ...	21	Do. ...	Latrines for the Sappers and Miners, two for males and two for females.	...	...	5,010	21	Estimate awaited.
Do. ...	22	Do. ...	Lining with stone drains east and west of European Infantry Barrack limits.	...	...	4,000	22	Do.
Do. ...	23	Do. ...	Plunge-bath for the Cavalry ...	...	...	5,300	23	Do.
Do. ...	24	Do. ...	Drainage of Royal Horse Artillery Barracks.	...	...	4,400	24	Do.
Do. ...	25	Do. ...	School-houses and furniture for four Native Infantry Regiments.	4,800	...	4,800	25	G.O. No. 3,354 of 23rd November and No. 151 of 18th December 1875.
Do. ...	26	Do. ...	Hospital Serjeant's quarters for 3rd Pavilion Race Course.	5,700	...	5,700	26	G.Os. No. 473 of 27th February 1871, and No. 683 of 10th March 1875. Item No. 5 of Class C. Works in the final issue of Budget of 1877-78.
Do. ...	27	Do. ...	Quarters for Resident Medical Officer.	5,640	...	5,640	27	Sanctioned by the Government of India. Register No. 16 B.M. of 1871-72. G.O. No. 1,691 of 23rd June 1871.

6088

Schedule of the probable requirements of the Madras Presidency on account of Imperial Works for 1877-78—(Continued).

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1878.	Estimate, 1878-79.	No.	Remarks or References.
			Military—(Continued).	RS.	RS.	RS.		
Bangalore ...	28	Bangalore ...	Providing racks in the Ordnance Gun Powder Magazine.	2,560	...	2,560	28	G.O. No. 2,625 of 28th October 1873. Item No. 6 of Class C. Works of Budget of 1877-78.
Do. ...	29	Do. ..	Two magazines for Native Infantry Regiments and guard-rooms.	6,790	...	7,000	29	G.O. No. 219 of 26th March 1873. Revised estimate awaited.
Trichinopoly ...	30	Trichinopoly...	A new latrine according to the standard plan for men of the Royal Artillery.	...	...	3,400	30	Estimate awaited.
Do. ...	31	Do. ...	Extending barrack accommodation for do.	4,000	...	4,000	31	G.O. No. 1,871 of 24th July 1876.
Nilgiris ...	32	Wellington ...	Additions to the Hospital guard-room for prisoners.	4,590	...	4,590	32	G.O. No. 457 W. [illegible]th July 1877.
Do. ...	33	Do. ...	Completing the 3rd block, married quarters.	3,720	...	3,720	33	Do.
Do. ...	34	Do. ...	Bath-rooms to wash-houses ...	3,120	...	3,000	34	G.O. No. 1,472 of 4th June 1874.
Do. ...	35	Do. ...	Stone drains to receive water from the pipes to prevent the removal of earth from the foundation of the barracks.	...	...	4,000	35	Estimate awaited.
Do. ...	36	Do. ...	New wash-houses fitted with boilers, &c., drying and ironing rooms for married quarters.	...	...	3,300	36	Do.
Do. ...	37	Do. ...	Drinking water supplied to be conveyed in pipes from outlet to the lower story of each block of barracks.	...	...	8,000	37	Do.
Malabar ...	38	Cannanore ...	Painting doors and windows of barracks, married quarters, and out-house, European Infantry.	4,430	...	4,430	38	G.O. No. 126 of 6th May 1873. Item No. 1 of Class C. Works in the final issue of Budget of 1877-78.
Do. ...	39	Calicut	Asphalting verandahs and boarding floors of officer's quarters at West Hill.	2,700	...	2,700	39	G.O. No. 1,866 of 3rd July 1875. Item No. 2 of Class C. Works of Budget of 1877-78.
Tinnevelly ...	40	Palamcottah ...	Latrines for males and females in the lines of the 24th Regiment, Native Infantry, with earth store and cart shed.	...	...	2,600	40	Estimate awaited.
Do. ...	41	Quilon ...	Latrine for Native Infantry Regiment with well.	...	...	3,150	41	Do.
Do. ...	42	Do. ...	New Magazine for Native Infantry Regiment.	...	...	3,560	42	Do.
						5,00,000		
	43	...	Grant for minor works, the estimated cost of which does not exceed Rupees 2,500 each.	...	...	1,50,000	43	
	44	...	Repairs	...	...	2,50,000	44	
			Total, Military ...	...	...	9,00,000		
			ORIGINAL WORKS.					
			CIVIL BUILDINGS.					
			Postal Buildings.					
Presidency ...	45	Madras ...	New Post Office	2,45,010	...	50,000	45	Sanctioned by Government of India. Register No. 36 B of 1876-77. G.O. No. 1,138 of 8th May 1876.
Tanjore ...	46	Combaconum...	Do.	...	...	4,000	46	Estimate awaited.
						54,000		
	47	...	Grant for minor works, the estimated cost of which does not exceed Rupees 2,500 each.	...	...	9,000	47	
	48	...	Repairs	...	...	*5,000	48	* The amount allotted for Postal Repairs for 1877-78 having been found insufficient, Rupees 5,000 are now applied for.
			Total, Postal Buildings ...	...	...	68,000		
			Telegraph Buildings.					
Presidency ...	49	Madras ...	Telegraph Office	2,57,192	...	1,00,000	49	Sanctioned by Government of India. Register No. 36 B of 1876-77. G.O. No. 1,138 of 8th May 1876.

Schedule of the probable requirements of the Madras Presidency on account of Imperial Works for 1877-78—(Continued).

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1878.	Estimate, 1878-79.	No.	Remarks or References.
			Telegraph Buildings—(Continued).	RS.	RS.	RS.		
Nilgiris ...	50	Ootacamund ..	Telegraph Office	...	...	10,000	50	Estimate awaited. Item No. 15 of Budget of 1877-78.
						1,10,000		
	51	...	Grant for minor works, the estimated cost of which does not exceed Rupees 2,500 each.	...	...	10,000	51	
	52	...	Repairs	...	...	5,000	52	
			Total, Telegraph Buildings ...	...	...	1,25,000		
			Salt Works.					
Vizagapatam ..	53	Kuppily ...	Constructing Salt Superintendent's Cutcherry.	2,790	...	2,790	53	Revenue Board's Proceedings, No. 4,728 of 28th May 1875.
Do. ...	54	Karassa ...	Do. a tiled building and a raised ground near the platform for the protection of the Salt Establishment during floods.	...	...	3,500	54	Estimate awaited.
Do. ...	55	Kanada ...	Do. pucka head sluice at the mouth of the supply channel.	...	...	2,500	55	Do.
Kistna ...	56	Chinna Ganjam	Police lines	...	...	4,580	56	Do.
Do. ...	57	Nizampatam .	Do.	...	...	3,500	57	Do.
Do. ...	58	Pondraca ...	Do.	...	...	4,500	58	Do.
Do. ...	59	Nizampatam ..	Improvements to the Salt Cutcherry.	...	...	2,700	59	Do.
Do. ...	60	Chinna Ganjam	Salt Cutcherry	...	...	3,000	60	Do.
Nellore ...	61	Timmalapenta.	Making a road from the Trunk Road near Kavaly to Timmalapenta salt platform.	23,580	9,996	10,000	61	G.O. No. 1,022 of 24th April 1876. Item No. 17 of Budget of 1877-78.
Do. ...	62	Dugarazpatam.	Constructing new Police lines for the Salt Guard.	4,200	1,498	2,700	62	G.O. No. 3,428 of 3rd December 1875, Board's Proceedings, No. 7,017 of 4th August 1875.
Do. ...	63	Beerungunta .	Making an approach to the north platform.	...	...	4,000	63	Estimate awaited.
Do. ...	64	Do. ...	Do. from Beerungunta to Devarampadu.	...	...	5,000	64	Do.
Do. ...	65	Do. ...	Palisade with stone pillars in chunam and palmyrah rails to three salt plat forms.	...	...	4,000	65	Do.
Do. ...	66	Do. ...	Salt road from 198th mile Great Northern Road to Kanuparthy.	...	...	5,000	66	Do.
South Arcot ...	67	Harigooshti ...	Harigooshti Project	...	...	50,000	67	Do. Papers connected with this project were submitted to the Government of India with G.O. No. 1,580 of 23rd June 1876.
Do. ...	68	Merkanam ...	Completing Palayankal catch drain.	4,985	3,900	1,000	68	G.O. No. 1,274 of 4th April 1877. Item No. 18 of Budget of 1877-78.
Tanjore ...	69	Tanjore ...	Improving the Vadarniem canal ...	10,000	7,000	3,000	69	G.O. No. 755 of 20th September 1877. Item No. 19 of do.
Do. ...	70	Adrampatam..	One Head Constable's and 14 Constables' huts.	7,950	3,597	3,000	70	G.O. No. 1,391 of 5th June 1876.
Do. ...	71	Vadarniem ...	Two Head Constables' and 19 do...	...	...	3,000	71	Estimate awaited.
Do. ...	72	Cuthmavady...	One Head Constable's and 9 do...	...	...	2,000	72	Do.
Do. ...	73	...	Constructing a bridge on the road No. 26 over the extension of the Vadarniem canal.	...	...	7,670	73	Do.
Madura ...	74	Muthureguma-thapatam, Vyravanadpatam, Attenguraiai Morecolam.	Masonry buildings for Salt Division Offices, each at Rupees 1,900.	7,600	...	7,600	74	Board's Proceedings, No. 9,023 of 5th October 1875, No. 854 of 28th March 1876, and No. 4,316 of 26th May 1876.
Do. ...	75	Morecolam ...	Construction of tunnels and side dams in the cross road from Morecolam salt station to the road between Madura and Ramnad.	3,450	...	3,450	75	Board's Proceedings, No. 3,414 of 26th April 1875.
Do. ...	76	Athengarai ...	Cutting a channel from the sea to the pans for supplying sea water for the manufacture of salt.	...	...	5,900	76	Estimate awaited.
						1,44,350		
	77		Grant for minor works, the estimated cost of which does not exceed Rupees 2,500 each.	...	...	15,650	77	
	78		Repairs	...	...	20,000	78	
			Total, Salt Works ...	...	...	1,80,000		

Schedule of the probable requirements of the Madras Presidency on account of Imperial Works for 1878-79—(Continued).

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1878.	Estimate, 1878-79.	No.	Remarks or References.
			Miscellaneous.	RS.	RS.	RS.		
Kistna ...	79	False Point Divi ...	Construction of beacon	...	...	5,000	79	Estimate awaited.
Tinnevelly ...	80	Muttum ...	Do. of light-house ...	...	...	75,000	80	Do.
						80,000		
	81	...	Grant for minor works, the estimated cost of which does not exceed Rupees 2,500	...	...	1,000	81	
	82	...	Repairs	...	...	1,250	82	
			Total ...	...	...	82,250		

Statement showing the probable amount that will be required in the Madras Presidency on account of Imperial Works, &c., for 1877-78 *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	30,000	11,55,000
Other Services.							
Postal buildings	54,000	9,000	63,000	5,000	17,000	2,040	87,040
Telegraph buildings	1,10,000	10,000	1,20,000	5,000	31,250	3,750	1,60,000
Salt works	1,44,350	15,650	1,60,000	20,000	45,000	5,400	2,30,400
Miscellaneous works	80,000	1,000	81,000	1,250	20,560	2,470	1,05,280
Total ...	8,88,350	1,85,650	10,74,000	2,81,250	3,38,810	43,660	17,37,720

FORT ST. GEORGE,
October 1877.

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

No. 29. ORDER THEREON, 1st October 1877, No. 824 W.

ORDERED that the schedule be forwarded to the Government of India and circulated to District 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 Regular Budget will be compiled for submission to the Government of India, appropriation of funds cannot be relied on.

(Here enter No. 825 W, dated 1st October 1877.)

(True Extract.)

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

To District Engineers.
To the Military Department.
" Financial "
" Revenue "

Encl. A. Grubert
20 Spare Copies

Rent. 1877 Depart
No. 4318

BUILDINGS AND ROADS.
ACCOUNT.

Bobt. of 1877 Madras.

PUBLIC WORKS.

DISTRICT ENGINEERS,

&c. &c. &c.

VCA 2427/11

ed October 1st.

ed

d. 10 Encl.

G. O., 1st October 1877, No. 824 W.

OCTOBER.

Nos. 28-29.

1st Dept Revenue 12-10

hedule of Imperial requirements on account
Public Works for the year 1878-79
warded to the Government of India and
ulated with remarks to District Engineers

No 6088
Comm Colls
Board of Revenue
11 Oct 77