(1) Number of pages 52

(2) Date of repair Aug. 87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No. / B.P. No.	2773 W.	Press. / Mis.
Dated 3.10.1883		198— .

Not to be folded or roughly handled.

Archives —1 10,006-9 86

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Major C. W. BRERETON, R.A., Deputy Inspector-General of Ordnance, in charge Ordnance office, to the Secretary to Government, Military Department, dated Fort St. George, 8th September 1883, No. G. 121:—

I have the honor to state, for the information of the Right Honorable the Governor in Council, that the following inaccuracies appear in the Imperial Budget Estimate of Military Works received with Proceedings of Government, Military Department, No. 4541, dated 17th August 1883:—

Proceedings of Government, dated 31st July 1883, No. 2097 W.

(1.) Item No. 4, page 4, under the head "Composition Mills, one group," 1 mixing room is omitted. This is provided for in Item No. 6 of Proceedings of Government, No. 4020 W., dated 15th October 1878, (Military Department No. 6184, dated 21st November 1878).

(2.) The word "tin" instead of "two" appears before the word "boilers" in three places on pages 4 and 6.

2. The houses for the master worker and master refiner will not now be required, among "Original Works" other arrangements having been made for quarters for them.

No. 5026, Military.

Transferred to the Public Works Department.

(By Order.)

Ootacamund,
14th September 1883.

(Signed) E. L. HANKIN, Colonel,
Secretary to Government.

Order—dated 3rd October 1883, No. 2773 W., Public Works.

The omission of the "mixing room" in the budget for 1883-84 is due to the estimate having been sanctioned in G.O., No. 3274 W., of the 12th December 1882. The item therefore became absorbed in the general estimate of Rs. 2,24,105 for improvements to the factory, and its inclusion in the budget separately was unnecessary.

2. The Superintending Engineer, Fifth Circle, will note that the houses for the master refiner and master worker are not now required, and should therefore be omitted in future budget estimates.

3. The typographical errors pointed out in clause 2, paragraph 1, of the letter from the Inspector-General of Ordnance, will be corrected.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.

To the Superintending Engineer, Fifth Circle.
" Military Department.
" Examiner of Public Works Accounts.
Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated October, 3rd.

Recd. *Encl.*

G.O., 3rd Oct. 1883, No. 2773 W.

OCTOBER.

Imperial Military Works
Budget Estimate

Passing orders on letter from the Inspector-General of Ordnance, Fort St. George, received through the Military Department, pointing out certain errors in the — for 1883-84

2773/2

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 boilers at the Gun Powder Factory.	..	..	10,000	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				
			New quarters for 30 families with do.	82,300				
			Do. for Apothecary.	7,150				
			Alterations to existing buildings and demolitions.	18,476	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.
				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 99 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. 35 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 25th 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.	..	..	6,000	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.
						5,00,000		
	48	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	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.
..	51	Ootacamund.	Do. ..	..	..	5,000	51	Estimate in circulation.
Presidency ..	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 1879.
						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	..	..	6,000	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.
Nilgiri ..	56	Ootacamund.	Do.	..	..	10,000	56	Estimate in circulation.
			(To be combined with Post Office.)	..	..	1,10,000		
	57	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	10,000	57	
	58	..	Repairs	..	..	5,000	58	
			Total, Telegraph Buildings ..	..	..	1,25,000		
			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.	..	..	3,800	60	Do.
Kistna ..	61	Pondraca ..	Police lines	4,507	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	1,500	62	G.O., No. 3,028 W, of 29th July 1878. Item No. 32 of budget of 1878-79.
Do. ..	63	Chinnagenjam.	Do.	4,582	2,000	2,580	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	1,560	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.	58,580	..	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 1879, 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.
			Salt Works—contd.	Rs.	Rs.	Rs.		
Nellore ..	67	Timmalapenta.	Making a road from P. trunk road near Kavali to Timmalapenta salt platform.	..	15,000	8,500	67	Estimate awaited.
Do. ..	68	Dugurazupa-patam.	Constructing new police lines for the salt guard.	4,200	3,100	1,100	68	G.O., No. 3,428, of 3rd December 1875; Board's Proceedings, No. 7,017, of 4th August 1875. Item No. 38 of budget of 1878-79.
Do. ..	69	Beerungunta.	Making an approach to the north platform.	..	1,000	3,000	69	Estimate awaited. Item No. 37 of budget of 1878-79.
Do. ..	70	Do. ..	Making an approach from Beerungunta to Devarampadu.	..	1,000	3,000	70	Estimate awaited. Item No. 38 of budget of 1878-79.
Do. ..	71	Do. ..	Palisade with stone pillars in chunam and palmyra rails to three salt platforms.	..	1,040	3,000	71	Estimate awaited. Item No. 39 of budget of 1878-79.
Do. ..	72	Kanuparthy.	Salt road from 198th mile of Great Northern Road to Kanuparthy.	..	..	5,000	72	Estimate awaited.
Chingleput ..	73	Ennore ..	Bar including groyne work.	..	..	17,000	73	Do.
Do. ..	74	Covelong ..	Rebuilding the Salt Superintendent's Office on the beach.	..	..	2,500	74	Do.
South Arcot ..	75	..	Repairing and improving the Kandadu lattice bridge.	..	..	9,000	75	Estimate awaited. Called for in G.O., No. 2,546 W, of 17th June 1878.
Do. ..	76	..	Head sluice to the Chinnampet brine supply channel.	..	..	2,000	76	Estimate awaited.
Tanjore ..	77	Negapatam.	Constructing police huts for one Head Constable and twenty Constables.	7,620	..	7,600	77	G.O., No. 2,921 W, of 19th July 1878.
Malabar ..	78	Carnanore. Etticolam. Madai .. Bellispatam Kdacaad .. Tellicherry. Carcy ..	Constructing seven salt preventive police stations at Rupees 900 each.	..	..	6,300	78	Estimate awaited.
Do ..	79	Badagarai. Trikodi .. Quilandi .. Chambalu.	Do. four do. at Rupees 900 each.	..	..	3,600	79	Do.
Do. ..	80	Tanur .. Peroni .. Ponani .. Tirur .. Edekatevoor. Chetivaye. Papanivattam. Valapaad. Madulagum 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 of the Board of Revenue, No. 9,023, of 5th October 1875: No. 854 of 28th March 1876; and No. 4,316 of 26th May 1876. Item No. 46 of budget of 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.
			Salt Works—contd.	Rs.	Rs.	Rs.		
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.
Godavari ..	84	..	Metalling and gravelling salt roads in the Godavari District.	..	..	3,000	84	Estimate awaited.
Do. ..	85	..	Canal from the Cocanada canal to the salt pans.	1,04,090	..	40,000	85	G.O., No. 2,776, of 17th October 1876; and No. 200, of 22nd January 1877. G.O., No. 1,238 W, of 11th March 1878.
Tanjore ..	86	Vadarniem ..	Huts for two Head Constables and nineteen Constables.	8,310	2,000	6,300	86	G.O., No. 2,844 W, of 12th July 1878. Item No. 43 of budget of 1878-79.
Do. ..	87	Cuthmavady.	Do. for one do. and 9 do.	5,540	3,500	2,000	87	G.O., No. 813 W, of 18th February 1877. Item No. 44 of budget of 1878-79.
						1,72,550		
Do. ..	88	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	15,000	88	
Do. ..	89	..	Repairs	..	..	10,000	89	
			Total, Salt Works ..	..	..	1,97,550		
			Miscellaneous Public Improvement.					
Kistna ..	90	False Point, Divi.	Construction of beacon ..	..	..	5,540	90	Estimate awaited. Item No. 50 of budget of 1878-79.
Tinnevelly ..	91	Mutlum ..	Do. of light-house ..	..	..	75,000	91	Do. Item No. 51 of do.
						80,540		
	92	..	Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	2,500	92	
	93	..	Repairs	..	..	2,000	93	
			Total, Miscellaneous Public Improvement.	..	..	85,040		

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	9,000	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.)

(Signed) E. A. FOORD, 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.
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2724/4

GENERAL
ACCOUNT.

Govt. of [1878] Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated October 1878.

Issued

Recd. Encl.

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

OCTOBER.

Nos. 199-A 199-B.

Schedule of Funds required for Imperial Works under Roads and Buildings 1879-80. —Ordered to be forwarded to the Government of India.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 4,021 W.

No. 199-C.

FROM

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

SIR,—With reference to letter, No. 668 A.—G., from the Deputy Secretary to the Government of India, I am directed to forward a Schedule of the Imperial requirements on account of Public Works under Roads and Buildings for the year 1878-79.

I have the honor to be,

Sir,

Your most obedient servant,

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

OOTACAMUND,
15th October 1878.

Exd. E. C. Shunker.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1878} Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE
GOVERNMENT OF INDIA.

Dated October 1878.

Issued

Recd. Regd.

G. O., 15th October 1878, No. 4,021 W.

OCTOBER.

No. 199-C.

Forwarding Schedule of Funds for Imperial Works under Roads and Buildings 1879-80.

FINAL ISSUE.

IMPERIAL.
MILITARY WORKS.

2223/8

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1883-84.

CHEPAUK,
31st July 1883.

(Signed) R. H. SANKEY, Major-General, R. E.,
Secretary to Government, P.W.D.

8/23
8/9

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IMPERIAL.
MILITARY WORKS.

MADRAS.

REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1883 TO 31st MARCH 1884.

	Budget Estimate, 1883-84.	Regular Estimate, 1882-83.	Budget Estimate, 1882-83.	Actuals, 1881-82.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	30,000	30,000	30,000	46,836
In Civil and Military Departments	...	...	...	...
Total ...	30,000	30,000	30,000	46,836

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1883 TO 31st MARCH 1884.

	Reference to Detailed Estimate.	Budget Estimate, 1883-84.	Regular Estimate, 1882-83. *	Budget Estimate, 1882-83.	Actuals, 1881-82.
	Page.	Rs.	Rs.	Rs.	Rs.
Original Works. In progress ...	4—7	1,00,000	2,72,101	60,361	1,15,574
Original Works. Not commenced.	8, 9	39,987		1,57,163	
Repairs ... ... Ordinary ...	...	2,75,000	2,93,710	2,75,000	2,69,097
Repairs ... ... Special ...	...	...	...	...	...
Establishment	...	96,988	1,16,678	1,15,126	96,161
Tools and Plant	...	6,225	7,511	12,350	9,603
Suspense Account	...	...	...	...	...
Total ...	...	5,18,200	6,90,000	6,20,000	4,90,435

NOTE.—The difference between the Budget and Regular Estimate for 1882-83 under Original Works is due chiefly to the supplemental grant sanctioned by the Government of India for the purchase of the building in Fort St. George known as "The Exchange House."

* The distribution corresponds with the entries in the Examiner's books.

IMPERIAL.
MILITARY WORKS.

MADRAS.

2.23/0

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

	Budget-Estimate, 1883-84. Original Works. In progress.	Not commenced.	Total.	Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.	Regular Estimate, 1882-83.	Budget Estimate, 1882-83.	Actuals, 1881-82.
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	1,00,000	39,987	1,39,987	2,75,000	96,988	6,225	...	...	5,18,200	6,90,000	6,20,000	4,90,435
In England.	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1,00,000	39,987	1,39,987	2,75,000	96,988	6,225	...	...	5,18,200	6,90,000	6,20,000	4,90,435
Provision from Contributions.												
In India ...	...		...	..	...	...	...	...	...	...	...	...
Grand Total.	1,00,000	39,987	1,39,987	2,75,000	96,988	6,225	...	...	5,18,200	6,90,000	6,20,000	4,90,435

STATEMENT SHOWING THE WORKS ON WHICH THE OUTLAY IN ENGLAND ABOVE PROVIDED FOR IS TO BE INCURRED.

	Budget-Estimate, 1883-84. Original Works. In progress.	Not commenced.	Total.	Tools and Plant.	Suspense Account.	Total.	Regular Estimate, 1882-83.	Budget Estimate, 1882-83.	Actuals, 1881-82.
				Nil.					

IMPERIAL.
MILITARY WORKS.

MADRAS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS

I.

ORIGINAL WORKS FOR THE YEAR 1883-84.

A WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1881-82.	Outlay. Probable during 1882-83.	Grant, 1883-84. Normal. Works in progress.	Normal. Works not commenced.	Normal. Total.	Special. Works in progress.	Special. Works not commenced.	Special. Total.	Total. Works in progress.	Total. Works not commenced.	Total. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.														
				MILITARY.														
				Original Works.														
				Barracks for European troops at Poonamallee.	2,70,506	22,104	28,835	...	...	...	...	...	...	...	...	...		
(1) *Accommodation for troops*—Buildings for European troops in the plains. Permanent.	Chingleput.	Poonamallee.	1	New double-storied barracks for 200 men with out-houses.	1,66,885			...	...	...	10,000	...	10,000	10,000	...	10,000	1	Sanctioned by the Government of India, Register No. 38 M.W. of 1878-79. G.O., No. 465 W., of 19th Feb. 1879. Item No. 1 of Class A Works of Budget of 1882-83.
				New quarters for thirty families with out-houses.	82,300													
				Do. for Apothecary	7,150													
				Alterations to existing buildings and demolitions.	18,476	22,104	28,835											
					2,74,811													
				Deduct value of old materials.	4,305													
					2,70,506													
	Do.	St. Thomas' Mount.	2	New barracks for Royal Artillery.	1,27,750	17,672	21,834	...	...	...	30,000	...	30,000	30,000	...	30,000	2	G.O., No. 1894 W., of 25th July 1882. Item No. 2 of Class A Works of Budget of 1882-83.
	Coimbatore	Malapuram.	3	Barracks for detachment British Infantry to accommodate 100 men.	90,830	...	21,568	...	...	...	40,000	...	40,000	40,000	...	40,000	3	G.O., No. 1840 W., of 18th July 1882. Item No. 3 of Class A Works of Budget of 1882-83.
(2) *Ordnance Works.*	Presidency.	Madras ...	4	Improvements to the Gunpowder Factory.	2,24,105	1,83,879	20,000	...	...	...	20,000	...	20,000	20,000	...	20,000	4	Estimate of Rs. 2,24,105 sanctioned in G.Os., No. 2740, of 31st October 1879, No. 428 W. of 17th February 1881, No. 2489 W. of 10th October 1881, No. 2813 W. of 12th June 1881, No. 425 W. of 10th February 1882, No. 1399 W. of 5th June 1882, and No. 3274 W. of 12th December 1882. Further estimates awaited. Item No. 16, Class A Works of Budget of 1882-83. Estimate for Rs. 2,24,105 approved by G.O.I. in No. 34 M.W., dated 10th January 1883, see G.O., No. 187 W., dated 16th January 1883.
				Composition Mills, one group, viz. :— 1 Charcoal pulverizing room. 1 Sulphur do. ... 1 House for 8 Horse-power engine with tin boilers. 1 Tank	24,800	...	...											
				Carried over ...	...	...	...	...	...	...	1,00,000	...	1,00,000	1,00,000	...	1,00,000		

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS A

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.	
						Actual to end of 1881-82.	Probable during 1882-83.
					Rs.	Rs.	Rs.
				Brought forward ...	...	...	...
				IMPERIAL ORDINARY —*cont.*			
				MILITARY—*cont.*			
				Original Works—cont.			
(2) *Ordnance Works*—cont.				Improvements to the Gunpowder Factory—*cont.*			
				Glazing and dusting houses, one group, viz. :—			
				1 Glazing-house			
				1 Dusting do.			
				1 House for 12 Horse-power engine and tin boilers.	...	...	...
				1 Watch-house			
				1 Deposit Magazine ...			
				1 Tank			
				Complete with traverses, tramways, roads, &c.			
				Incorporating Mills, one group, No. 3, viz. :—			
				6 Mill-rooms			
				1 House for 25 Horse-power engine with tin boilers.			
				1 Green Charge Deposit Magazine.	...	...	...
				2 Watch-houses			
				1 Tank			
				Complete with tramways and roads.			
				1 Master Worker's house ...			
				1 Master Refiner's do. ...	...	...	...
				1 Drying-house	...	...	...
				Pebble-cutting house ...			
				1 Granulating-house to be converted into a pebble-cutting machine-house.	...	...	...
				New additional compound walls.			
				2 Bridges	...	...	...
				Total ...	...	...	...

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1883-84—*cont.*

WORKS—*cont.*

Grant, 1883-84.									Item No.	Remarks and References.
Normal.			Special.			Total.				
Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	1,00,000	...	1,00,000	1,00,000	...	1,00,000		
...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...		
...	...	...	1,00,000	...	1,00,000	1,00,000	...	1,00,000		

IMPERIAL.
MILITARY WORKS.

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.	
						Actual to end of 1881-82.	Probable during 1882-83.
					Rs.	Rs.	Rs.
				IMPERIAL ORDINARY.			
				MILITARY.			
				Original Works.			
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore.	1	Alterations and additions to wash-houses for the British Infantry.	12,500	...	...
(2) *Ordnance works*	Presidency.	Fort St. George.	2	Mounting Ordnance	...	...	...
			3	Minor Works	...	...	...
				Total ...	...	...	...

I—*cont.*

ORIGINAL WORKS FOR THE YEAR 1883-84—*cont.*

B WORKS.

2773/13

Grant, 1883-84.									Item No.	Remarks and References.
Normal.			Special.			Total.				
Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	8,000	8,000	...	8,000	8,000	1	G.O., No. 1102 W., of 7th May 1880. Item No. 8, Class C Works of Budget of 1882-83.
...	...	...	...	10,000	10,000	...	10,000	10,000	2	Estimate awaited.
...	21,987	21,987	...	...	...	...	21,987	21,987	3	...
...	21,987	21,987	...	18,000	18,000	...	39,987	39,987		

IMPERIAL.
MILITARY WORKS.

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1883-84 BUT FROM CLASS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1881-82.	Outlay. Probable during 1882-83.
				IMPERIAL ORDINARY.	Rs.	Rs.	Rs.
				MILITARY.			
				Original Works.			
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Chingleput.	St. Thomas' Mount.	1	Plunge-bath for Royal Artillery.	...	...	...
	Do.	Do.	2	Coffee shops, three in number, one for each, North, South, and the New Artillery Barracks.	...	...	...
	Coimbatore.	Malapuram.	3	Canteen for Detachment, British Infantry.	...	...	...
	Do.	Do.	4	Gymnasium for do. ...	...	...	...
	Do.	Cannanore.	5	Plunge-bath for do. ...	4,690	...	...
	Do.	Do.	6	Improving Latrines of the British Infantry.	2,780	7	...
(1)	Do.	Do.	7	Providing a boarded floor for the Hospital of the European Infantry.	5,570	...	364
	Bellary ...	Bellary ...	8	Infectious Ward of Station Hospital.	...	...	...
	Do.	Do.	9	New gun shed with collar-maker's and wheeler shop combined for the Royal Artillery.	...	...	...
(1) *Accommodation for Troops.*	Do.	Do.	10	Constructing Stables for one Field Battery.	10,000	...	...
(1)	Do.	Do.	11	New pattern Punkahs for half a Battalion of British Infantry.	5,000	...	3,025
	Presidency.	Bangalore.	12	Garrison Gymnasium of the Fourth Class.	44,600	1,788	...
	Do.	Do.	13	Quarters for School Master and School Mistress of the British Infantry.	6,120	...	...
	Do.	Do.	14	Converting some of the married quarters for three Staff Sergeants quarters.	2,930	...	...
	Do.	Do.	15	Quarters for the Apothecary, North Station Hospital, including stables, godown, &c.	...	...	...
	Do.	Do.	16	Quarters for an Assistant Apothecary, North Station Hospital.	...	...	...
(1)	Do.	Fort St. George.	17	A covered gymnasium to be erected in the Ball Ally of the European Regiment.	...	...	...
(1)	Do.	Do.	18	Purchase of "Exchange House"	70,000	...	61,600
				Carried over ...	...	...	...

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B.

ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION

B WORKS.

Grant, 1883-84. Normal. Works in progress.	Normal. Works not commenced.	Normal. Total.	Special. Works in progress.	Special. Works not commenced.	Special. Total.	Total. Works in progress.	Total. Works not commenced.	Total. Total.	Item No.	Remarks and References.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	...	...	...	...	...	1	Estimate awaited.
...	...	...	...	...	...	...	...	...	2	Do.
...	...	...	...	...	...	...	...	...	3	Do.
...	...	...	...	...	...	...	...	...	4	Do.
...	...	...	...	...	...	...	...	...	5	G.O., No. 418, of 10th February 1876.
...	...	...	...	...	...	...	...	...	6	G.O., No. 1056, of 4th April 1879.
...	...	...	...	...	...	...	...	...	7	G.O., No. 3335 W., dated 16th December 1882.
...	...	...	...	...	...	...	...	...	8	Estimate awaited.
...	...	...	...	...	...	...	...	...	9	Do.
...	...	...	...	...	...	...	...	...	10	G.O., No. 2099 W., dated 1st August 1883.
...	...	...	...	...	...	...	...	...	11	G.O., No. 427 W., dated 11th February 1879.
...	...	...	...	...	...	...	...	...	12	G.O., No. 1560, of 21st June 1876.
...	...	...	...	...	...	...	...	...	13	G.O., No. 3066 W., of 2nd December 1879.
...	...	...	...	...	...	...	...	...	14	Do. do.
...	...	...	...	...	...	...	...	...	15	Estimate awaited.
...	...	...	...	...	...	...	...	...	16	Do.
...	...	...	...	...	...	...	...	...	17	
...	...	...	...	...	...	...	...	...	18	G.O. No. 751 W., dated 18th March 1881, and No. 2724 W., dated 19th October 1882.
...	...	...	...	...	...	...	...	...		

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1883-84 FROM CLASS

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.	
						Actual to end of 1881-82.	Probable during 1882-83.
					Rs.	Rs.	Rs.
				Brought forward ...			
				IMPERIAL ORDINARY—*cont.*			
				MILITARY—*cont.*			
				Original Works—cont.			
	Nilgiri ...	Wellington.	19	Drainage pipe for the remaining block, the same as No. 5 block.	...	...	...
	Do.	Do.	20	New flooring to latrines of barracks and family quarters.	...	...	...
	Do.	Do.	21	Bath-room to wash-houses ...	3,120	...	...
Buildings for European troops in the hills.	Do.	Do.	22	Constructing a Female Hospital at the Wellington Depôt.	...	...	...
Permanent.	Do.	Do.	23	Extending the 6" water main pipe from the barrack square to the married quarters at.	9,530	...	98
(1)	Presidency.	Bangalore.	24	Public buildings for Cavalry Regiment.	...	...	...
(1)	Do. ...	Do. ...	25	Constructing two Latrines for the Queen's Own Sappers and Miners.	...	...	...
(1)	Do. ...	Do. ...	26	Constructing an additional room to the School of the Queen's Own Sappers and Miners.	3,500	...	1,500
(1) *Accommodation for troops*— Buildings for Native troops.	Do. ...	Do. ...	27	Additional married quarters for European Non-Commissioned Officers, Queen's Own Sappers and Miners.	5,240	...	...
	Trichinopoly.	Trichinopoly.	28	Public buildings for Native Infantry Regiment.	...	...	...
	Chingleput.	Pallávaram.	29	One mortuary room for each of the four hospitals, Nos. 1 to 4.	...	...	...
	Do.	Do.	30	New line for one Native Infantry Regiment.	...	...	...
	Ganjam ...	Berhampore.	31	Armourer's shop	...	...	...
	Trichinopoly.	Trichinopoly.	32	Family quarters enlarged for the 30th Regiment Native Infantry.	...	...	...
	Do.	Do.	33	Four latrines for do. do. ...	...	...	...
				Carried over ...	...	...	...

B—*cont.*

BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION

B WORKS—*cont.*

Grant, 1883-84.									Item No.	Remarks and References.
Normal.			Special.			Total.				
Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	...	...	...	...	...	...	19	Estimate awaited.
...	...	...	...	...	...	...	...	...	20	Do.
...	...	...	...	...	...	...	...	...	21	G.O., No. 1472 W. of 4th June 1874.
...	...	...	...	...	...	...	...	...	22	Estimate awaited.
...	...	...	...	...	...	...	...	...	23	G.O., No. 198 W. of 18th January 1882.
...	...	...	...	...	...	...	...	...	24	
...	...	...	...	...	...	...	...	...	25	
...	...	...	...	...	...	...	...	...	26	G.O., No. 2155 W., dated 31st August 1881.
...	...	...	...	...	...	...	...	...	27	G.O., No. 1518 W. of 17th June 1881.
...	...	...	...	...	...	...	...	...	28	Estimate awaited.
...	...	...	...	...	...	...	...	...	29	Do.
...	...	...	...	...	...	...	...	...	30	Do.
...	...	...	...	...	...	...	...	...	31	Do.
...	...	...	...	...	...	...	...	...	32	Do.
...	...	...	...	...	...	...	...	...	33	Do.
...	...	...	...	...	...	...	...	...		

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1883-84 FROM CLASS B—*cont.*

BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION OF CLASS B WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Grant, 1883-84.								Item No.	Remarks and References.
						Actual to end of 1881-82.	Probable during 1882-83.	Normal.			Special.			Total.			
								Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	Works in progress.	Works not commenced.	Total.	
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
				Brought forward ...													
				IMPERIAL ORDINARY—*cont.*													
				MILITARY—*cont.*													
				Original Works—cont.													
(2) *Ordnance works.*	Presidency.	Madras ...	34	Completing the emplacements and improving the store rooms, &c., of the Coast Batteries.	42,320	...	...	...	...	...	...	...	...	...	...	34	G.O., No. 1661 W., dated 13th June 1883.
(2) *Do.* ...	Do.	Do.	35	Improvements to the barrel machine shop at the Gun Carriage Factory.	4,030	...	...	...	...	...	...	...	...	...	...	35	G.O., No. 2413 W., of 16th September 1882.
	Do.	Bangalore.	36	Ordnance buildings	...	...	...	...	...	...	...	...	...	...	...	36	Estimate awaited.
	Bellary ...	Bellary ...	37	Repairing Lower Fort ...	...	...	...	...	...	...	...	...	...	...	...	37	G.O., No. 1919 W., of 9th July 1883.
(3) *Commissariat Buildings.*	Do.	Do.	38	Constructing a double slaughter-house for use of the Commissariat Department.	7,210	...	603	...	...	...	...	...	...	...	...	38	G.O., No. 136 W., dated 13th January 1883.
(3) *Do.* ...	Presidency.	Madras ...	39	Sheds for the public cattle and lines for their attendants.	...	...	...	...	...	...	...	...	...	...	...	39	G.O., No. 1919 W., of 9th July 1883.
	Coimbatore.	Malapuram.	40	Quarters for a Commissariat Staff Sergeant.	...	...	...	...	...	...	...	...	...	...	...	40	Do.
(3) *Do.* ...	Do.	Cannanore.	41	Constructing a Bakery	...	...	...	...	...	...	...	...	...	...	...	41	
(3) *Do.*	Nilgiri ...	Wellington.	42	Do. do.	...	...	...	...	...	...	...	...	...	...	...	42	
	Presidency.	Madras ...	43	Converting the late Superintending Engineer's Office at Guindy into a Commissariat Slaughter-house.	11,800	...	...	...	...	...	...	...	...	...	...	43	G.O., No. 1393 W., of 12th May 1883.
	Do.	Do.	44	Quarters for station butcher ...	...	...	...	...	...	...	...	...	...	...	...	44	Do.
	Do.	Do.	45	Quarters for three Warrant and five Non-Commissioned Officers of the Commissariat Department.	26,740	...	...	...	...	...	...	...	...	...	...	45	G.O., No. 1836 W., of 2nd July 1883.
(7) *General Cantonment works.*	Nilgiri ...	Wellington.	46	Water-supply improvements ...	...	...	...	...	...	...	...	...	...	...	...	46	Do.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 11th July 1883, No. 637 M.W. :—

I am directed to request that the final issue of the Budget Estimate for Military Works in the Madras Presidency, revised according to the orders passed in this department letter, No. 542 M.W., dated 14th June 1883, may be submitted at the earliest possible date.

Order—dated 31st July 1883, No. 2097 W., Public Works.

As requested in the letter read above, the Military Works Budget Estimate for 1883-84 has been revised according to the orders passed in Government of India No. 542 M.W. of the 14th June 1883.

2. The Government of India having withdrawn Rs. 66,800 from Works, as detailed in their No. 542 M.W. of the 14th June 1883, printed in Proceedings of this Government, No. 1965 W., of the 13th July 1883, the proportionate debit on account of Establishment and Tools and Plant has been reduced to Rs. 96,988 and Rs. 6,225 respectively. The total of the budget now amounts to Rs. 5,18,200.

3. The incomplete works of the past year, requiring funds to complete them, are entered in Appendix B.

4. The budget as now corrected will be printed, and thirty copies forwarded to the Government of India.

(Here enter No. 2098 W., dated 31st July 1883.)

(True Extract.)

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial Department.
" Accountant-General.

Exd. J. W. Fischer.
Spare Copies

GENERAL.
ACCOUNT.

Gobt. of {1883} Madras.

PUBLIC WORKS.

Dated July, 31*st.*

Recd. *Encl.*

G.O., 31st July 1883, No. 2097 W.

JULY.

Madras Military Works Budget, 1883-84

The —, revised as required by the Government of India.

31st July 1883, No. 2097 W., Public Works.

2/23/8

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Letter—from

Major-General R. H. SANKEY, C.B., R.E.,
Secretary to the Government of Madras,
Public Works Department.

To

The SECRETARY to the GOVERNMENT of INDIA,
Military Department.

Sir,

With reference to your letter, No. 637 M.W., dated 11th July 1883, I am directed to forward the final issue of the Budget Estimate for Military Works in the Madras Presidency, revised according to the orders passed in your letter, No. 542 M. W., dated 14th June 1883.

2. The works for which allotments were tentatively withdrawn in paragraph 2 of the later letter above quoted have been wholly omitted, and I am to observe that this course has been adopted to save time. The estimate for "Coast Defences, Fort St. George," has however been sanctioned, and the Government of India have been requested in this Office No. 1963 W., dated 13th July 1883, to re-allot the Budget grant of Rs. 20,000. An estimate for the Bakery at Cannanore has been received and approved, and the papers will shortly be forwarded to the Government of India in view to the Budget grant being re-allotted. An estimate for stables for one Field Battery at Bellary will also be shortly sanctioned, and the Government of India will be addressed on the subject of funds for the work.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary to Govt., P.W.D.

Ootacamund,
31st July 1883.

Exd. J. W. Fischer.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1883} Madras

PUBLIC WORKS.

Dated July, 31st.

Recd. E

31st July 1883, No. 2098 W.

JULY.

**Madras Military Works Budget
1883-84**

FORWARDING the final issue of the
revised as required by the Government
India.

GOVERNMENT OF MADRAS. 2223/79

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

No. 70.

READ—the following papers:—

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 22nd November 1882, No. 2993.

I have the honor to submit for sanction plans and estimate of Rs. 24,800 for new Composition Mills at the Gun Powder Factory, Madras.

Two Plans.
One Abstract Estimate (in duplicate).
„ Detailed Estimate.
„ Specification.

2. The work is one of those classed A in the schedule of Military Works proposed for execution in the current year, which accompanied G.O., No. 2292 W., dated 16th September 1881. There is provision made in the current year's Budget Item No. 16, Rs. 20,000, and the work is one that is considered of primary importance by the Inspector-General of the Ordnance Department. An estimate was prepared sometime ago, but was not sanctioned; and the plan was mislaid for some months (not in this Department), so that the commencement of the work has been delayed.

No. 2232 C.

Submitted for the approval of Government in the Military Department. Early return requested.

(By Order.)

(Signed) ROSS THOMPSON, Lt.-Colonel, R.E.,
Ag. Dy. Chief Engineer, P.W.D.

5th December 1882.

No. 6602, Military.

Approved.

(Signed) E. L. HANKIN, Colonel,
Ag. Secretary to Government.

8th December 1882.

To the Public Works Department, with papers returned.

No. 71.

ORDER—dated 12th December 1882, No. 3274 W., Public Works.

The estimate, amounting to Rs. 24,800, for constructing Composition Mills at the Gun Powder Factory, Madras, is sanctioned as supplemental to the estimate for Rs. 1,99,305 sanctioned in G.O., No. 1599 W., dated 5th June 1882, the total amount of which will now stand at Rs. 2,24,105.

2. A sum of Rs. 20,000 is provided in the current year's Military Budget for improvements to the Gun Powder Factory.

3. This sanction has been registered as Imperial Ordinary No. 29 W. of 1882-83, and classified as Military, Original Works. Imperial No. 5 W. of 1882-83 and previous sanctions are cancelled.

(True Extract.)

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

To the Superintending Engineer, Fifth Circle, with four enclosures.
" Examiner, Public Works Accounts, with duplicate Abstract Estimate.
" Military Department.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1882] Madras.

PUBLIC WORKS.

Dated December, 12th.

Read. *Encl.*

G.O., 12th Dec. 1882, No. 3274 W.

DECEMBER.

Nos. 70-71.

Gun Powder Factory, Madras.

The estimate for constructing Composition Mills at the —, sanctioned.

Ordnance Department.

ORDNANCE OFFICE
Fort Saint George,
8 September 1882.

No. *G.* *121*

From

~~*Colonel S. CHAMIER*~~
Major L. W. Brereton R.A
Dy Inspector General of Ordnance.
(In charge Ordnance Office)

To

The Secretary to Government,
Military Department,
Fort Saint George.

Sir,

I have the honor to state for the information of the Right Honorable the Governor in Council that the following inaccuracies appear in the Imperial Budget Estimate of Military Works received with Proceedings of Government (Military Department) No. 4641 dated 17th August 1883.

(1) Item No. 4, page 4, under the head "Composition Mills, one group" 1 mixing room is omitted. This is provided for in Item No. 6 of Proceedings of Government No. 4020 dated 15th October 1878 (Military Department No. 6184 dated 21st November 1878).

(2) The word "tin" instead of "two" appears before the word "Boilers" in three places on pages 4 and 6.

2.— The houses for the Master Worker and Master Refiner will not now be required, among "Original works" other arrangements having been made

G.G. 2097-70. A
31 July '83.

B

made for quarters for them.—

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

L. W. Bracken Major R.A.
Dy: Insp.r Genl: of Ordnance.
(In charge Ordnance Office)

4

2725/81

A 3274 ~ 12.12.82
~~2098~~ ~ 31.7.83
~~2097~~ ~ 31/7.83
121-2 ~ 12.1.83
4021 ~ 15-10-78

P.P.P. 5026 Rec. No. 8015

Military {1882} Department.

No. 3274

From

The Inspector General of Ordnance,
(In charge Ordce Affairs)
Fort Saint George.

To

The Secretary to Government,
Military Department,
Fort Saint George.

DATED 8 September 1882.
RECEIVED Sept 12
Sept 17

No. G/121

Points out pertaining inaccuracies in the Imperial Budget Estimate of Military Works received with P.C. No 4621 dated 17th August 1882.

Military Department
Ootacamund
14th Septr 83.

No. 5026

Transferred to the Public Works Department.

By order
Clarke Colonel
Secy to Govt.

C. No 8015

Para 1. Correct.

I put up the myth except the omission of the entry of "mining tools" is apparently a clerical error but since the estimate for the group "Composition Mills" has been sanctioned the entire entry might well be omitted. The estimate of this group was sanctioned vide No 3274 ws of 12th Decr 1882.

Para 1 Clause 2.

This is a clerical error and will be corrected -

Para.

Will be noted and communicated to the Engy Dept Fort St George.

Jones 24/9

P70

Dw

I have slightly altered B's draft to make the matter clearer to the Mily Dept. If approved, the draft will be forwarded accordingly.

29/3

approved 29/3

+ draft
Clean
please
&
+ Put up
Sd/-

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

27/3/84

READ the following

Letter from the Dy Inspector General of Ordnance } M. D. No 5321 of 18th Septr 1883

Endorsement by the Military Dept. } M. D. No 5026 of 14th Septr. 1883

No item therefore became entitled in the General estimate of Rs 2,24,105 for improvements to the Factory, as mentioned in the Budget explanatory memorandum

The omission of the "mining Room" in the bud. est for 1883-84 is due to the estimate having been sanctioned in G.O. No 3274 W of the 12th December 1882, and therefore not required to be brought forward in the budget

2. The Insp. Genl. Fortifs will note that the Horses for the Master Rippir and Master Worker are not now required, and should therefore

therefore be omitted in future budget estimates

3 The typographical errors pointed out in Chapter 2 Para 1 of the letter from the Inspector Genl of Ordnance be corrected.

27734

W.

110

The Secy Govt Public Works Department

" Military Department

" Inspector General of Ordnance

Inward 27/14

137 of McLaurin

Re 27734 PUBLIC WORKS DEPARTMENT.

A/

PROCEEDINGS OF THE MADRAS GOVERNMENT.

D 73/95

UNDER date the 3rd Octr 83

READ the following

From the Insp Genl of Ordnance — No. 121 dated 8th Septr 1883

Endorsement by the Mily Depth — No. 5026 dated 11th Septr 83.

3

The omission of the "mixing room" in the budget for 1883-84 is due to the estimate not having been sanctioned in G.O. No. 3274 W of the 12th Decr 1882 - The item therefore became absorbed in the General estimate of Rs 224,105 for improvements to the Factory, and its inclusion in the Budget separately was unnecessary -

The

2 The Superintending Engineer Fifth (Circle) will note that the honors for the Master Refiner and Master Worker, are not more required, and should therefore be omitted in future budget estimates.

3 The typographical errors pointed out in Clause 2 para 1 of the letter from the Insp Genl of Educ will be corrected.

Cs

Cs

2/10

J.O

Wm 2/10

The A.G. & Dist Circle
" Military Deptt
" Engineers

2723/36

8115

Govt. of 1883 Madras.

PUBLIC WORKS.

5/10.

Dated

Rece. Encl.

G. O. 3-October 1883, No. ~~6015~~ 2773 xx

Imperial Gazetteer Work

Budget Estimate

Passing orders on the

Report of the Inspector General

of Ordnance Forts & Barracks

received through the Secy. of State

pointing out certain errors

in the ——— for 1883/84

54

4

Entd. in Regd. Copy.