Archives I—10,006—16-8 77.

(1) Number of pages 12
(2) Date of repair 19.11.86.
(3) Initials of the Referencer

AMIL NADU ARCHIVES

VERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No. 2479A-W
B.P. No.

Press.
Mis.

Dated 1-10-1879

197 .

28.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

1st October 1879, No. 2,479-A W.

General.
Account.

Read the following papers :—

No. 2-A. From the Military Department, dated 20th August 1879, No. 4,578.

No. 2-B. From the Director-General of Post Offices, dated 4th September 1879, No. 4,863.

No. 2-C. From the Director-General of Telegraphs, dated 10th September 1879, No. 1,924.

No. 2-D. From the Commissioner of Salt Revenue, dated 14th September 1879, No. 7,289.

No. 2-E. From the Master Attendant, dated 11th September 1879, No. 6,960.

BUILDINGS AND ROADS.

SCHEDULE of the probable Requirements of the Madras Presidency on account of Imperial Works for 1880-81.

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1880.	Estimate 1880-81.	No.	Remarks or References.
			IMPERIAL ORDINARY.	RS.	RS.	RS.		
			MILITARY.					
			Original Works.					
Chingleput.	1	Poonamallee.	New double-storied Barracks for 200 men with out-houses.	1,46,885	..	..	..	Sanctioned by the Government of India, Register No. 83 M.W. of 1878-79. G.O., No. 465 W of 19th February 1879. Item No. 2 of Budget of 1879-80. *Class A. Work.* Urgently required.
			New quarters for 30 families with out-houses.	82,300	..	..		
			New quarters 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	20,000	20,000	1	
Ganjam ..	2	Berhampore..	Stone drainage for carrying off surface drainage of regimental lines.	6,420		6,400	2	G.O., No. 1,505 W of 2nd June 1879. *Class A. Work.* Urgently required.
Wynad ..	3	Cannanore ..	Improving latrines of the European Barracks.	2,780	..	2,780	3	G.O., No. 1,056 W of 4th April 1879. *Class A. Work.* Urgently required.
Do. ..	4	Do. ..	Painting doors and windows of Barracks.	4,430	..	4,430	4	G.O., No. 126 of 26th May 1878. *Class A. Work.* Urgently required to preserve the wood work which rapidly deteriorates in the climate of Malabar.
Calicut ..	5	Maliyapuram.	New Barracks for 100 men.	..	..	55,000	5	Estimates awaited. Class B. Work—of doubtful urgency. The troops at Maliyapuram are temporarily housed on account of the late fire at that station. If it is determined permanently to retain a European detachment the amount entered will be needed to replace the buildings destroyed.
		Do. ..	New Hospital	..	..	18,000		
Presidency.	6	Veysaurpady.	Press and granulating houses one group, viz., one press-room with pump house, granulating house, one 8 horse-power engine and two boilers, one watch-house, one deposit magazine, one tank complete with traverses, tramways, roads, &c., at the Gun Powder Factory.	..	..	1,22,800		Estimate awaited. *Class B. Work.* This is one of several works of the kind proposed to be constructed as funds become available.
			Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	1,50,000		
			Repairs	..	..	2,50,000		
			Total, Military ..	..	..	6,29,410		

SCHEDULE of the probable Requirements of the Madras Presidency on account of Imperial Works for 1880-81—*cont.*

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1880.	Estimate 1880-81.	No.	Remarks or References.
			CIVIL BUILDINGS.	RS.	RS.	RS.		
			ORIGINAL WORKS.					
			Postal Buildings.					
Consulting Architect.	7	Madras ..	New Post Office	2,45,010	..	50,000	7	Sanctioned by Government of India. Register No. 26 B of 1876-77. G.O., No. 1,138 of 8th May 1876. Item No. 17 of Budget of 1879-80. *Class A. Work.*
Nilgiri ..	8	Ootacamund.	Do.	13,000	..	10,000	8	Sanctioned by Government of India. Register No. 13 B of 1879-80. *Class A. Work.*
Tanjore ..	9	Combaconum	Do.	4,370	1,320	3,050	9	G.O., No. 3,499 W, dated 4th Sept. 1878. *Class A. Work.*
Nilgiri ..	10	Kotagiri ..	Do.	3,500	..	3,300	10	G.O., No. 1,387 W, dated 16th May 1879. Item No. 18 of the Preliminary Issue of the Budget of 1879-80. *Class B. Work.*
			Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	10,200		
			Repairs	..	..	5,000		
			Total, Postal ..	..	..	81,750		
			Telegraph Buildings.					
Consulting Architect.	11	Madras ..	Telegraph Office	2,57,192	20,909	1,00,000	11	Sanctioned by the Government of India. Register No. 26 B of 1876-77. G.O., No. 1,138 of 8th May 1876. Item No. 19 of Budget of 1879-80. *Class A. Work.*
Nilgiri ..	12	Ootacamund.	Do.	21,100	..	10,000	12	Sanctioned by the Government of India. Register No. 13 B of 1879-80. Item No. 20 of Budget of 1879-80. *Class A. Work.*
			Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	5,000		
			Repairs	..	..	5,000		
			Total, Telegraph ..	..	..	1,20,000		
			Salt.					
Kistna, Eastern Delta	13	Pandraka ..	Police Lines	4,507	..	2,500	13	G.O., No. 3,028 W, dated 29th July 1878. Item No. 24 of Budget of 1879-80. *Class A. Work.*
Do. ..	14	Chinna Ganjam.	Do.	4,582	..	2,580	14	G.O., No. 3,028 W, dated 29th July 1878. Item No. 25 of Budget of 1879-80. *Class A. Work.*
Do. ..	15	Nizampatam.	Do.	3,562	..	2,000	15	G.O., No. 3,028 W, dated 29th July 1878. Item No. 27 of Budget of 1879-80. *Class A. Work.*
Negapatam.	16	Vadarniem ..	Huts for two Head Constables and nineteen Constables.	8,310	..	5,000	16	G.O., No. 2,844 W, dated 2nd July 1878. Item No. 33 of Budget of 1879-80. *Class A. Work.*

SCHEDULE of the probable Requirements of the Madras Presidency on account of Imperial Works for 1880-81—*cont.*

Executive Division.	Projects. No.	Locality.	Description.	Amount of Estimate.	Computed Expenditure up to 31st March 1880.	Estimate 1880-81.	No.	Remarks or References.
				Rs.	Rs.	Rs.		
			Salt—*cont.*					
Negapatam.	17	Kattumavadi.	Huts for one Head Constable and nine Constables.	5,540	437	4,000	17	G.O., No. 813 W, dated 18th Feb. 1877. Item No. 34 of Budget of 1879-80. *Class A Work.*
Tinnevelly.	18	Merkanum ..	Head sluice to the Merkanum brine supply channel.	2,000	..	1,600	18	G.O., No. 3,990 W, dated 14th Oct. 1878. Item No. 32 of Budget of 1879-80. *Class A Work.*
			Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	10,490		
			Repairs	..	..	3,970		
			Total, Salt ..	..	..	32,140		
			MISCELLANEOUS PUBLIC IMPROVEMENT.			-		
			ORIGINAL WORKS.					
			Nil.					
			Grant for Minor Works the estimated cost of which does not exceed Rupees 2,500 each.	..	..	2,500		
			Repairs	..	..	2,000		
			Total, Miscellaneous Public Improvement.	..	..	4,500		

STATEMENT showing the probable Amount that will be required in the Madras Presidency on account of Imperial Works, &c., for 1880-81 under each head of Service.

	Original Works.			Repairs.	Establishment.	Tools.	Total.
	Major Works.	Minor Works	Total.				
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Military	2,29,410	1,50,000	3,79,410	2,50,000	1,57,352	15,735	8,02,497
Other Services							
Postal Buildings	66,756	10,200	76,756	5,000	20,438	2,043	1,04,231
Telegraph do.	1,13,000	6,000	1,19,000	5,000	30,000	3,000	1,57,000
Salt Works	17,680	10,490	28,170	3,970	8,035	803	40,978
Miscellaneous Public Improvement ..	..	2,500	2,500	2,000	1,125	112	5,737
Total ..	4,23,640	1,78,190	6,01,830	2,65,970	2,16,950	21,693	11,06,443

No. 2-F. ORDER THEREON, 1st October 1879, No. 2,479-A W.

ORDERED that the Schedule of funds required for Imperial Works under Roads and Buildings in 1880-81 be forwarded to the Government of India, and circulated to Superintending Engineers. No time should be lost by the Superintending Engineers of the Third and Fourth Circles in preparing and submitting the necessary

estimates and plans for the undermentioned works, which are the only unsanctioned projects which Government can consent to enter in the schedule :—

Presidency.—Veysaurapady.—Press and granulating houses, one group, viz., one press-room with pump-house, granulating house, one 8 horse-power engine and two boilers, one watch house, one deposit magazine, one tank complete with traverses, tramways, roads, &c., at the Gun Powder Factory.

Calicut.— { Maliyapuram new Barracks for 100 men.
Do. new Hospital.

2. Unless plans and estimates are submitted in time for sanction before the 15th November next, the items will be struck out of the budget and the officer whose duty it is to propose the design and estimate will be held personally responsible.

(Here enter No. 2,479-B W, dated 1st October 1879.)

(True Extract.)

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

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

Exd. S. T. Austin
Spare Copies

GENERAL
ACCOUNT.

Govt. of {1879} Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c. &c. &c.

Dated October 1st.

Issued

Recd. Encl.

G. O., 1st October 1879, No. 2,476-A. W.

OCTOBER.

Nos. 2-A—2-F.

Schedule of Funds required for Imperial Works under Roads and Buildings in 1880-81, forwarded to the Government of India and circulated to Superintending Engineers with instruction.

QUARTERMASTER-GENERAL'S OFFICE,
Head-quarters, Ootacamund
15th August 1879.

No. 1351

From

BRIGADIER-GENERAL H. O'CONNELL,
Quartermaster-General,

To

Colonel J. Michael C.S.I.
Secretary to Government
Military Department

SIR,

I have the honor, by order, to forward the accompanying two Lists of Major and Minor Military Works to be provided for in the Public Works Budget of 1880-81.

2 The recent orders of the Government of India on reduction of public expenditure have led His Excellency the Commander-in-Chief to approve only of such works as are absolutely and urgently required.

I have the honor to be
Sir
Your Most Obedt. Servant,
H. O'Connell Brigr General
Quarter Master General.

pd 6

1

P.W.D. 27/1879

Calcutta
20 August 1879
No. 4578

Transmitted to the Public Works Department.
(By order)

Lieutenant Col.
Secretary to Govt

Milty 1879 Dept
No. 4975

From
The C. in C. General
To
The Secy. to Govt
Milty Dept.

Dd 18
Rd 19 } Augt

Encloo: 2
No. 1351.

Forwards 2 Lists of Major & minor Milty Works to be provided for in the P.W. Budget of 1880-81.

Transd

Milty Aug 20-79

P. W. SECRETARIAT—1879-80.

KEEP-WITH.

G.O. 4020 W. 15-10-78
" 4021 W "
" 2499 W-4-9-78
" 1888 W-18-9-79

Current No.

Inv. Letter No. 4578

Dated the 20 Aug/79

from the Milly. Dept.

L.R. 6981-10-79 & 2479-80

The Quarter master General forwards lists of Major & Minor works for entry in the Budget of 1880-81.

Asstt. S/o

S. W.

You may like to see your Ego over these before they are sent Standing for compilation with other schedules for Imperial works?

A.G. 20/9

S. W.

For compilation at the proper time

21/8/79

2.A.

D.L. Sheet 47 Myt

Two Latr… Rogers Dry Earth System for … Female Barracks, one for men a… the other for women. Two seato… each, sufficient		1000	1000			Approved to such extent as is required for purpose of Assembly
A School … in the Regimental Lines		1550	1550	O.G. no 208 23rd July 1876 P.W.D.		Required
Royal … Artillery						
For certain dr… to Wilson Barracks from the Drag… and Water Troughs		2060	2060	O.G. no 8 65 18 February 1876		Approved. But the work ought to be done at the cost that is estimated.
Nat… Infantry						
School Ro… for Native Infantry Regiment		650	650	O.G. no 7357 6 Sept 1878		Approved
Royal Artil… (Afgan Barracks)						
Ration Sh…		1750	1750	O.G. no 1232 14 May 1877		When funds are available.
Ca… y						
Removing … Middle pegs in Stables Afgan Ba… ks		1920	1920	O.G. no 532 23 Feby 1877		Approved.
Wall sur… ck Stables &c…		2210	2210			When funds are available.

Cumpa… Infantry						
Lowering earth … from Arms East and West of Barrack Limits		1538	1538	O.G. no 1750 5 July 1878		When funds are available
Roofing the Verandah from Wards Parade Barracks		1320	1320	O.G. no 930 11 October 1876		Approved.
Royal Artillery						
Weather Boarding to Family Quarters		2150	2150			Approved
Cumpa… Infantry						
Weather Boards for end Quarters of Barracks		860	860			When funds are available
Commissariat Deptt.						
1 Coal Shed 40 × 20		2100	2100			do do
Shed for boiling gram for Mules		700	700	O.G. no 1727 21 May 1867		do do
A high wall round the Straw Shed		1320	1320			do do
Garrison						
Store Rooms, Hospital, Race Course already built		2400	2400			do do

Station	Work				Authority	Remarks
Bellary	Grain Boiling Shed for Light Cavalry		2575	2575	O. G. no 1009 5 May 1877. O. G. no 1023 12 November 1878.	Approved - when funds are available
	A Hospital for the Cavalry	447		447	O. G. no 1688 10 September 1878. O. G. no 1839 9 January 1878	Approved.
	New Horse Standing for Cavalry		1500	1500		When funds are available
	Providing Iron barred doors and windows to Commissariat Liquor Godown	652		652	O. G. no 1304 26 Novr. 1878.	Approved.
	Slaughter House and Hanging Sheds		990	990		When funds are available
Malliapooram	For European Infantry Detachment.					
	Restoring Bath room, Urinary &c.		1900	1900	Necessary	Approved.
	Rebuilding Recreation Shed		1050	1050	do	Approved.
	Punkahs to Officers' Quarters		420	420	do	Approved.
Calicut	For European Infantry Detachment.					
	Introducing dry Earth System		753	753	do	Approved.
Cannanore	Punkahs to Officers' Quarters		420	420	Necessary	Approved.
	Extending drain from cistern to corner near Sergeants' Mess European Infantry Regiment to enable drains to be regularly flushed		920	920		Approved.
	Coffee Room for European Infantry Regiment		1500	1500		When funds are available
Mangalore	Forge Trough, Cupola &c. for Armourers' Shop		500	500	O. G. no 4 December 1875	do do
Palamcottah	Four Boundary pillars for Regimental Bazaar 37th Grenadiers		16	16		Approved.
Madras	Gun Powder Factory					
	1 Breaking Down House; 1 House for 6 horse power Engine & Boiler		500	500	O. G. no 59 8 January 1874. Recommended as being portion of the scheme for thorough renewal of Gun Powder Factory. O. G. no 1504 31 March 1875	Approved.
	Powder magazine & 1 Wooden flooring		1100	1100		
Saint Thomas' Mount	General Cantonment new Barracks		700	700	Necessary	When funds are available

Barrackpore

Sahibs and Misses					
Floor of European Non. Commissioned Officers' Quarters relaid	—	900	900	—	Approved — Executive Engineer to be asked if native labor could not be advantageously employed on this work
Hospital Lavatory and increased Surgery accommodation	—	1000	1000	—	when funds are available.
Improving ventilators of Hospital	—	556	556	O.G. no. 1476 of 15 Septr. 1877 Reported to be required.	Approved
Flooring covered passages from Mess & Quarters, to Wash houses and Latrines	—	1900	1900	—	Approved.
Commandant's House					
Floor of 2 rooms to be boarded	—	530	530	O.G. no. 2 of 25 Augt 1874	when funds are available.
Drainage Works near the Barracks	—	860	860	O.G. no. 1748 of 23 July 1872	Approved.
New flooring to Racquet Court	—	1945	1945	O.G. no. 1047 of 24 August 1872	when funds are available.
Supplying fire Valves and Hands with pipes to the Latrines	—	1100	1100	—	do — do —
Commissariat					
Compound Godown & alterations to Gate and Windows	—	1280	1280	O.G. no. 1741 of 21 March 1872. O.G. no. 1165 of 15 Septr. 1871	do — do —
Strengthening floor of the Mud Liquor Godown (Commt. Stores.	—	1662	1662	O.G. no. 1877 of 28 July 1875	do — do —
Excavating a Storage Reservoir and laying pipes between the Springs and Place of outlet of the Spring water Supply	—	2072	2072	O.G. no. dated 25 August 1876	do — do —

Williamgunge

Additions and alterations to School Block	—	1680	1680	O.G. no. 1472 of 11 June 1874 O.G. no. 1512 of 9 June 1874	when funds are available.
Enlarging the Slaughter House	—	990	990	O.G. no. 1031 of 6 Septr. 1877. O.G. no. 1077 of 15 Septr. 1877.	do do
Increasing Depôt Canteen accommodation	—	700	700	—	Approved

Cossipore

Dumoms' Depôt

Enlarging Sick Lines	—	2500	2500	—	when funds are available
School room for 9 Regt. N.I. with furniture	—	1000	1200	Sanction has been received for this work this the Educational Department	Approved

Chinsurah

Chinsurah

3 Public Latrines — Viz — one for men in left Wing and two for women, one in each Wing on dry earth System	—	2235	2235	Much required — there being at present only one Latrine for men in the Right Wing Sanctioned by Government in O.G. no. 292 of 24 January 1874	One Latrine Approved. The other two to be considered hereafter

Dt. Mr. General's Office
Head Quarters Cottacamund
18th August 1879

J. T. Thomas Brigr. General
Quarter Master General

8

List of Works (Military) estimated at less than Rs: 2500 which are recommended for execution from the "Reserve" in Budget Allotment for 1880-81.

Station.	Description of Buildings &c. and for what Department needed	Sanctioned amount of Estimate for Budget Allotment for 1880-81	Amount of Estimate submitted for sanction	Amount sanctioned for Budget Allotment for 1880-81	Total Allotment required for in Budget 1880-81.	Orders of Government bearing reference to the works or remarks as to the necessity of the Buildings	Remarks of His Excellency the Commander in chief
Two Lots Option for two seats	Rogues Roy Castle Guard Barrack, one of the Quarters Officers Mess		1000	1000			Approved to such extent as is necessary for purposes of Assembly
A School Room	in the Regimental		1550	1550		G.O. No. 25 July 1876 P.W.D.	Required
	Quarters						Allowed the Ex-
	Additional Room						

Gun Powder Factory. Cont.

1 Master Worker's House. 1 Master Refiner's house.	10170	10170	10170	Obs No 4020 W. dated 15 Oct 1878 Pol Ex. page 2 - No 9. Plate in the Supply & Estimate of Rs 10000. Item No 8.	Approved of as part of Construction for which funds become available
Pebble Cutting house, 1 Granulating House to be converted into a Pebble Cutting Machine House.	8000	8000	8000	Obs No 1671 dated 15th March 1879.	
1 Drying House	13500	13500			

Commissariat Department.

New Slaughter House.	18950	18950		Very unhealthy now as the present site too far and strongly objected to by the Superintendent Gymkhana. No proper supervision can be exercised & present slaughter house.	Approved.
Quarters for Station Butcher	4850	4850			

Garrison

Cost of Roads from Trinity Church to Agram Barracks	5200	5800	5800	Obs No 615 dated 23rd February 1878 - " 1541 dated 11th June 1878 - " 2846 dated 18th August 1878 - " 3045 dated 9th June 1879 - all which unite to the partial execution of this estimate which the Committee of Supply motioned having been withdrawn.	Approved of when funds are available.
Improvements to Cumber Tank	11000	11490	11490	Obs No 1750 dated 11th June 1878. They consider the payment on my to the better of the Tempe in View and Agram Barracks from the Swamp now filling above the Tank.	
Garrison Hospital		5680	5680	Obs No 2036 dated 19th July 1879. Strongly recommended to be carried out soon the present Hospital is a disgraceful one	Approved

Sappers and Miners

Latrines for the Regiment. 2 for Males and 2 for Females		5040	5040	Vide Final issue of Budget for 1878-79. Permt Latrine very bad. New ones wanted	Approved

Royal Horse Artillery & Royal Artillery

Constructing a School	11700	11700	11700	Obs No 366 dated 21 July 1878. Obs No 1123 dated 19 Oct 1877. Much wanted	Approved when funds are available

Commissariat Department.

Quarters for Staff Sergeant at or near the Public Cattle Lines	Estimate awaited	4000	4000	Recommended as leading to some quarter care being taken of valuable Government Cattle	do
Cart Sheds 90 x 25 at Karkhana and Stores	Estimate wanted	4500	4500	Carts now stand in the open air and do suffer deterioration from exposure	do

European Infantry

Quarters for Schoolmaster and Schoolmistress	do	7000	7000	New Quarters should be erected near the School	do
To complete parapet wall round Parade Barracks	do	7000	7000	Recommended. The Barrack square is now a thoroughfare.	Approved.

Ballard	Government Factory for Commissariat Department	"	Estimate required	7400	7400	Obs. 12th December 1878 No 6858 para 3.	Approved if when funds are available.
	Cookroom for Royal Artillery	"	2750	"	2750	Obs no 3889 dated 26-8-78 Obs 22 October 1878 No 3889 Obs 31st October 1878 No 3992 W.	do
	Slaughter house & hanging shed for meat for Commissariat Department	"	Estimate required	7210	7210	Necessary. The Cattle for the European troops are now slaughtered at the Municipal slaughter sheds which is objectionable.	do
Madhapuram	New Barracks for 100 Men	"	do	55000	55000	The Troops are now temporarily housed on account of the recent fire at Madhapuram Vide Obs No 2047 dated 20 April 1879.	Approved.
	New Hospital	"	do	18000	18000		
Bannanore	Improving Latrines 48th Regiment	"	2780	"	2780	Obs No 105 W. dated 4th April 1879	Approved.
	Boarding floors of European Hospital	"	Estimate required	6500	6500	Recommended by the Medical Authorities the present stone floor becomes damp in wet weather	Approved when funds do available.
	Painting Doors and Windows of Barracks	"	4430	4430	4430	To prevent the wood work which rapidly deteriorates in the Climate of the Malabar Coast	Approved.
Palamcottah	Musicians Lines 18 Huts 3 Cookhouses Grenadiers	"	2940	"	2940	Urgently required Vide Obs No 3127 dated 5th June 1879. and No 4766 dated 4th September 1879.	Approved.

Gun Powder Factory

Madras	Press and granulating houses one group viz 1 Press Room with pump house, 1 granulating house, 1 Eight horse power Engine and two Boilers, 1 Watch house, 1 Deposit Magazine, 1 Tank Complete with traverses, Tramways, Roads &c	"	Estimate required	122,800 including cost of famine labor	122,800	Obs No 4220 W. dated 15 October 1878 P.W.D. page 2 No 5
Trichinopoly	Composition Mills one Group, viz, 1 Charcoal pulverizing room, 1 Sulphur pulverizing room, 1 Mixing Room, 1 House of 8 horse power Engine with 2 Boilers, 1 Tank	"	do	21,050	21,050	do do No 6
Madras	Glazing and dusting houses one group, viz 1 Glazing house, 1 dusting house, 1 house for 12 horse power Engine and 2 Boilers, 1 Watch house, 1 Deposit Magazine, 1 Tank Complete with traverses, Tramways, Roads &c	"	do	92,000	92,000	do do No 7
Trichinopoly	Incorporating Mills one group, viz 6 Mill Rooms, 1 House for 25 horse power Engine with 2 Boilers, 1 Grain Charge deposit Magazine, 2 Watch houses, 1 Tank Complete with Tramways and Roads.	"	do	50,000	50,000	do do No 8

Approved for gradual construction as funds become available.

Gun Powder Factory. Cont.

1 Master Mont.s House. ——

Refiners house. ——

Pebble Cutting house, 1 Gran
House to be converted into a
Cutting Machine House. ——

1 Drying House. ——

European Infantry. Cont.

New Armourers Rep.r Parade & Barrack.s —— do —— 5,400 5,400 New one and standard plan wanted. Approved when funds are available.

Royal Horse Artillery.

Drainage of Barracks —— do —— 8800 8,800 Might advantageously be carried out partially without so much expense. —— do ——
Rs 8,800 sanctioned in Financial year of Budget for 1879

Remount Depot.

Alteration to 40 Horse Stables —— 2,570 6000 6000 Ch. No 55 M. 25 July 1879. Ch. No 202 M. 16 May 1879 Measurement do. Approved

Stone drainage for carrying off surface drainage of Regimental Lines —— 6457 6457 Ch. No 57 dated 11th February 1879 Approved when funds are available.

Mysore Division
Bangalore.
Officer
Northern District
Bangalore.

Genl Genl's Office
Fort St. Octacamund &c

A T Cormell Brigr. General.

List of Military Major Works for entry in the Public Works Budget Estimate of 1880-81.

Stations.	Description of Buildings &c. and for what Corps or Department needed.	Sanctioned works in actual progress for which an allotment in funds will be required in the Budget	Sanctioned Works not commenced and for which funds will be required.	New Works not yet sanctioned and for which funds are required.	Total allotment required in the Budget of 1880-81.	Orders of Government bearing reference to the works or remarks as to the necessity of the buildings.	Remarks of His Excellency the Commander in Chief.
Barrackpore	1 Mar...					1878.	Approved for gradual construction as funds become available.
	Refin...						
	Possib...					79.	
	House ...						
	Cutting ...						
	1 Dry...						

Major Barker

1880/84

Ltr G.O. 1-10-79 No. 247 A.G.O.

11

A.G.O.

G.O. No. 2320

10th Sept

Send to

the Earl and

also perhaps

General Morgan

I am doubtful as

this is adequate

Please take by Mr

order on the point

Adjt Genl of the

Army if Female

A.G.O. 20/9

should be
dated to
at be to W-
to be also
communicated to
Lt Morgan with
para 2
reference to [illegible]
dated 2-7-77. Para 6
of Gen Thomson's letter
contains a report regarding
Lieut Morgan's Conduct
[illegible]
Ch Engr

12

The non-despatch of
the schedule in time
was, as the Ch Engr
has entirely to fault.
The Lieut. posted the
schedule on the 22nd inst.
Her fuses not till
the 27th, & the Inspector
did not reach me
till the 28th. Had
they had to be
transmitted
[illegible]

Class

(Number) 29

Words. 15/7 | Day. 2 | Hour. 14 | Minutes. 10

(Station) Vizr. ---

Official Instructions.

From (Parties) Madras Works

To Works

Schedule of 1880/81 not received - Please send once more

Demands

Recd. Form ... L. N. ... Sent To ...

At ... Hrs. ... Mins. By ... At ... Hrs. ... Mins. By ...

Telegraph Master.

MADRAS 2-10

TRAFFIC CODE FORM C

(P. T.)—G. T. Press.—No. 6, 1879-10-1,000,000.

P.W.D.
2079
No. 70 P.

Dy W

This week sent to Govt on the 20th Septr. In sending it up I drew special attention to the date on which it was due to Govt

Govt
G.C. 2479 of 4 W.M.
1 Octobr 1879
W. for information

No 4863

From

G. J. Hynes Esquire
Offg Asst Director General of the
Post Office of India.

To

The Secretary to the Government,
Public Works Department,
Madras.

Simla, the 4th September 187

Sir,

In accordance with the Resolution
the Government of India, Public Works Departm
No 422-39. S. G. of 7th August 1873, I have the ho
to furnish you in the margin with a Statem
shewing the total Public Works
required during the year 1880
and request that His Excellen
Governor of Madras will be pl
to provide for the same in his
Provincial Schedule.

2. No provision has been made
a new General Post office at Madras, but a
special remark has been made on the subject
expressing a hope that an allotment may be m
for the purpose

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

Major Works		
New Post office at Kotagiri	Rs	3,500
Minor Works	Rs	10,200
Grand Total	Rs	13,700

Sheet 38 Sept 6-10-0

P.W.D.
19SEP79
No 6744

In G.O. No. 2677 Dtd 1-10-79

G.O. 1387 W. 16-8-79

1879

From

The Offg Asst Director Genl of the Post Offices in India

No 4863 Z 4 Sept/79.

Forwards statement of Postal Works required in 1880-81 for entry in the Budget and states that though no provision has been made for a new Genl Post Office at Madras yet an allotment may be made for the work

No 11.

Asst 15/9 Do. perused before the letter & sent to Madras A.P. 15/9

Put by

16/9

Put by

Ord. Sheet 38 Septr - b - d -

[illegible]

[illegible]

16
30

Extract from Schedule of Works required by the Telegraph Department during 1880/81.—

Province	Division of Public Works	No. of Work	Name and Locality of proposed Work	Amount of Estimate	Amount of any Estimate not expended up to 31. 3. 80.	Amount required during ensuing financial years.—	Remarks.—
Madras	Consulting Architect		Telegraph Office, Madras	25/192	10,000	10,000.—	The urgency of this work has been frequently shewn and admitted & I need only now refer Government to my No. 10 A.G. dated 3rd June 1879. An assignment of Rs 10,000. was made for the combined Post and Telegraph office, vide P. W. D.— No. 191 A.G. dated 14th May 1879, but for financial reasons the grant has been reduced to Rs 10,000— See P. W. D. No. 296 A.G. of the 12th July 1879.— I have asked for 1 lakh for the work during next year which, considering its urgency, will I hope, be allowed.—
Do.	Nilgiri District		Telegraph office Ootacamund.—	"	"	10,000	A brief history of the necessity for this work was given in my Schedule for 1879/80. and it was explained that the arrangements for accommodating the Telegraph office and establishment at Ootacamund are ~~were~~ unsatisfactory and not objectionable. A grant of Rs 7000. was made in P. W. D. No. 191 A.G. dated 14th May 1879, but withdrawn on financial grounds in order conveyed in No. 296 A.G. of the 12th July 1879. A grant of Rs 10,000 is again applied for, and I trust that, if possible an allotment may be made in 1880/81.—

R. Murray Colonel
Dir. Genl of Telegraphs in India

1e 2279

No. 1924

32

From

THE DIRECTOR GENERAL OF TELEGRAPHS IN INDIA,

To The Secretary to the Govt of Madras.
Public Works Department.

Simla, the 10th of September 1879.

Sir,

I have the honour to forward an Extract from the Schedule of requirements of this Department in Public Works in 1880-81 containing the works required in the Madras Presidency, and to request the favour of the necessary provision being made for them in the Provincial Budget for Imperial Services of the ensuing year.

I have the honour to be
Sir,
Your most obedt Servant
Lmurray Colonel
for Director General of Telegraphs
in India

37

P.W.O. 17 SEP 79
16SEP79 LONDON

TO DY.W.

THE STATEMENT IS HERE-
WITH RETURNED WITH THE COLUMN 7
ONLY FILLED WHERE THERE IS EX-
PENDITURE.

2. ITEM NO.7 IN THE STATEMENT IS
THE ONLY WORK ON WHICH THERE HAS
BEEN EXPENDITURE DURING THE CURRENT
OFFICIAL YEAR, VIZ.RS.3519-4-4 UP
TO END OF JULY 1879. THE PROBABLE
EXPENDITURE CANNOT BE GIVEN BY
THIS O FICE.

H Stuart
Lieut. C.R.E.

N 0 _____

L & I 1-10-79 No 2479 & 80

No 3949 of 1879

Lt C

Please fill up
as far as possible
Columns 7 and 8
and return this
Statement at an early
date

G. D. & W.

Lieut
16.9

Private Letter
Lieut
23-9

81

List of Salt Works to be executed by the Public Works Department in the year 1880-81.

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Outlay Amount of Estimate	Outlay Actual to the end of 1878-79	Outlay Probable during 1879-80	Grant 1880-81 Total Amount for each head	Item No.	Remarks and References.
1	2	3	4	5	Rs	Rs	Rs	Rs	Rs	
				Part I						
				Original Works						
Salt	Ganjam	Ganjam	1	Constructing masonry bridge in lieu of the wooden bridge between the Ganjam pans and the Chilka Canal.	3,800			3,800	22	Item 1879 / The old bridge is in a very dangerous state. The work was provided for in the Budget for 1879-80 but it has not been begun under the orders for reduction of expenditure (vide circular Memorandum P.W.D. May 7, 1878 No. 1692).
	Kistna Eastern	Kaudrakota	2	Police Lines	4,507			2,500	29	25 G. O. July 29, 1878, No. 3028 W. Items 24-27 of the Budget of 1879-80.
	Delta	Chinna Ganjam	3	Do	4,582			2,580	25	31
		Do	4	Salt Cutcherry	*			2,000	26	4 * Estimate awaited
		Nozumpalam	5	Police Lines	3,562			2,000	27	5
	Nellore	Istapalli	6	Making a branch road from Allore to the Salt Platform.	4,060			4,060		6
	Buckingham Canal	Ennore	7	Opening the bar		5,520	5,000	2,000	32	7
		Covelong	8	Do						Item No. 31 of the Budget for 1879-80. Of the Estimate of
	Tinnevelly	Merkanam	9	Repairing and improving the Kaudadu Lattice Bridge	10,000			5,000	31	9 Rs 10,000 Rs 5,000 only are to be borne by Salt Funds (vide G. O. February 3, 1879, No. 268 P.D.).
	Do	Do	10	Head Sluice to the Merkanam brine Supply Channel	2,000			1,600	32	G. O. October 14, 1878, No. 3990 W. Item No. 32 10 of the Budget for 1879-80.
	Negapatam	Vedaraniam	11	Huts for two Head Constables and nineteen Constables	8,310			5,000	33	G. O. July 2, 1878, No. 2644 W. G. O. February 18, 1879, No. 813 W. G. O. August 8, 1879, No. 1650, P.D. 11
	Do	Kattumavadi	12	Huts for one Head Constable and nine Constables	5,560	497		4,000	34	Items Nos. 33 and 34 of the Budget for 1879-80. 12
	Do	Negapatam	13	Construction of an Office for the Deputy Commissioner of Salt Revenue, Southern Division and the Salt Deputy Collector, Tanjore.				5,000		13 The Estimate is under preparation.
	Madura	Morekolam	14	Masonry building for the Salt Division Office	2,600			2,600	36	14 Proceedings of the Board of Revenue No. 9023 of 5th October, 1875, No. 854 of 28th March 1876, and No. 4,316 of 26th May, 1876. G. O. March 11, 1879, No. 719 W. Item No. 36 of the Budget for 1879-80. This is the amount of the Estimate recently prepared by the Department of Public Works.
				Carried forward				44,140		

List of Salt Works to be executed by the Public Works Department in the year 1880-81.

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Outlay Amount of Estimate	Outlay Actual to the end of 1878-79	Outlay Probable during 1879-80	Grant 1880-81 Amount	Grant 1880-81 Total for each head	Item No.	Remarks and References.
Salt (Continued)				Brought forward					44,140		
		Cannanore									
		Ettikolam									
		Bellicapalam									
		Edacaad									
		Madai									
		Tellicherry									
		Cavoy									
		Budakarai									
		Tukoor									
	Wynaad and Calicut	Quilandi		Constructing twenty three Salt Preventive Stations					9,000	15	Estimates are under preparation
		Chombala	15								
		Tanur									
		Perone									
		Ponani									
		Tirur									
		Edakalyur									
		Chetwaye									
		Pazhimbatam									
		Valapand									
		Madulapam									
		Calicut									
		Beypore									
		Parpangadi									
		Kantatebay									
		Nozong	16	Constructing 16 Salt Preventive Stations					2,400	16	G.O. April 26, 1879, No. 900 Rd.
	Canara	Gangoli									
		Mulki									
				Total Original Works					55,540		
	Minor Works		17						10,490	17	Reserve.
				Carried forward					66,030		

List of Salt Works to be executed by the Public Works Department in the year 1880-81.

Head of Classification	Executive Division	Locality	Item No.	Project and Works	Outlay Amount of Estimate	Outlay Actual to the end of 1878-79	Outlay Probable during 1879-80	Grant 1880-81 Total Amount for each Head	Item No.	Remarks and References.
				Brought forward				66030		
				Part II. Repairs.						
Salt	Ganjam	Ganjam	18	Maintaining wooden bridge across Corrageda till the masonry bridge is completed				200	18	
		Do and Surla	19	Annual maintenance of Salt Cutcherries				200	19	
		Nowpada and Komera-Villi	20	Do				200	20	
	Nellore	Sumapaguntu	21	Repairing branch road from the 31st mile stone of the trunk road to Sumapaguntu	3,370	-	3,370			
				Total Repairs				3970		
				Grand Total				70,000		

Salt Commissioner's Office
Madras, September 14, 1879.

R. W. Mills
Commissioner of Salt Revenue.

Correspondence Department.

No. 7289.

OFFICE OF THE COMMR. OF SALT REVENUE,
Madras,
Dated September 14, 1879.

From

H. W. BLISS, Esq.,
Commissioner of Salt Revenue,

To Colonel R. H. Sankey R.E.
Secretary to Government,
Public Works Department,

SIR,

With reference to G.O. November 19, 1878, No. 4403 W and your Office Memorandum No. 2880 dated September 3, 1879, I have the honour to forward herewith a list of Salt Works proposed to be executed by the Public Works Department in 1880-81.

The statement is incomplete as columns 7 and 8 could not be properly filled. As no reply has been received from you to my letter No. 3962 dated May 6, 1879, regarding the outlay on Salt Works in 1879-80 the former column has been left blank, and column 8 could only be partially filled up as only one Superintending Engineer (of the 3rd circle) has furnished me with the requisite information though all the Superintending Engineers were requested to do so by the 1st of August. Under these circumstances the

the estimated outlay in 1880-81 is to some extent conjectural though there can be no doubt that the whole grant applied for can be very profitably expended on these and other works which are urgently required by the Department.

I have the honour to be,
Sir,
Your most obedient Servt

P. N. Bilk

Commissioner of Salt Revenue.

P.W.D.
16SEP79
No.

Ch. 492 - 7:5:79
Mis. 440 - 19.11.78

G.O. 1-10-79 Ag. 2479 dt. 7-9-79

Shave
Ag. 2479

Correspondence Department.
1879
No. 2289
Enclosures 1 & 2
Subject

From
The Commissioner of
Salt Revenue,
Madras.

To
The Secretary to
Government
P.W.D.

Dated 25th October 1879.
Received 27th October 1879.

2479 A 4B W 1-10-79

Details of Estimate for repairs &c. Beacons &c. Pamban Channel works for the years 1880/81.

Projects.

Description of Locality.

Amount of Estimate.

Remarks or Reference.

Rs Rs Rs

Pamban — 1 Fixed Point Beacon — 5540 " 5540 1
Dune — Construction of a Beacon — 5540 " 5540 1
Pamban — 1 Light House — " " 15800 2
Total Rupees — 81,340

To the Secretary to Government Public Works Department.

Approved
Accepted
Administrative Department.
11th September 1879.

MMS

F.W.D.
12570
No.

Detail of estimate for repairs for the years 1880/81.

	Estimate 1880/81		Estimate 1879/80.	
	Amount	Totals	Amount	Totals
	Rs	Rs	Rs	Rs
Ganjam — Repairs to Flagstaff, Obelisk Barrack	100	100	100	100
— Do — Do — Do — Soapstone	100	100	150	150
Vizagapatam — Do — to Lighthouse Sanitopilly	100	100	100	100
Godavery — Do — Do — Hope Island	200	200	200	200
Kistna — Do — Do — Point Divi	200	200	"	"
Nellore — Do — Do — Armeghom	200	200	200	200
Chingleput — Do — Do — Pulicat	200	200	200	200
Madura — Do — Do — Pammben	200	200	200	200
Tinnevelly — Do — Do — Manfleur	100	100	100	100
Total Rupees		1,400		1,400		1,250		1,250

Madras
Marine Office
11th September 1879.

Master Attendant
Administrative Department.

P.W.D.
12[illegible]79
No.

ADMINISTRATIVE DEPARTMENT.

MADRAS,

Marine Office,

No. 6960. 11th September 1879.

From

THE MASTER ATTENDANT,

ADMINISTRATIVE DEPARTMENT,

MADRAS,

To The Secretary to Government
Public Works Department.

SIR,

I have the honor to forward the accompanying Imperial Fund Budget Estimates for the marine engineering works (original) and repairs for the official year 1880/81.

I have the honor to be
Sir,
Your most Obedt Servt

W Mayne
Master Attendant
Administrative Depart.

P.W.D.
12-5-79
No. 3

From

The Master Attendant,

Administrative Department,

Madras,

To

The Secy to Govt
P. Wks Dept

Dated 11 } Sept 1879.
Received }

No. 6960

Encl 2.

Forwards Budget Estimates, Imperial, for Marine works and Lights for Officiel year 1880/81.

25

Buil Brigs and Roads.

Schedule of the probable requirements of the Madras Residency on account of Imperial Works for 1880-81.

Executive Division	No:	Locality	Description	Amount of Estimate	Completed or sanctioned up to 31st March 1880.	Estimate 1880-81	Rs:	Remarks or References.
			Imperial Ordinary Military Original Works					
Bangalore	1	Bangalore	Cost of road from Trinity Church to Agram Barracks.	9.20	"	5000	r	Sanctioned by the Govt: of India Register No: 8 M.W. of 1874-75. Govt No 1541 of 11th June 1874 & No: 683 of 10th March 1875. Item No: 4 of Budget of 1879-80. Much wanted — Out of the sanctioned estimate of Rs 9200 the Military Dept: want work to the extent of Rs 5000 carried out. Govt No 1662 W of 19th June 1879.
do	2	do	Improvements to Dumloor Tank.	20.00		11490	r	Govt No 524 of 25th Febry: 1876. Detailed estimate awaited. Item No: 15 of Budget of 1879-80. The Military Dept: approve of the execution of this work when funds are available. The work is very desirable to prevent injury to the health of the Troops in Allsoor & Agram Barracks from the swamp now existing above the Tank.
do	3	do	Garrison Hospital.			5680	r	Estimate called for in Memo: No: 1080 of 25th March 1879 awaited. The Military Dept: ~~approve of~~ desire the execution of this work soon. The present Hospital is a disgraceful one.
do	4	do	Latrines for the Sappers & Miners, two for Males & two for females			5040	r	Estimate awaited. The Military Dept: approve of this work as the present latrines are very bad.
						28,010		

Bangalore	5	Bangalore	School for the Royal Horse Artillery and Royal Artillery.	11,700	11,700	Govt no 11234 W of 19th October 1877. Item No: 1 of class C Works of Budget of 1879-80. The Military Dept: approve of this work being carried out when funds are available.
do	6	do	Quarters for Staff Sergeant at or near the public Cattle lines, Commissariat Dept.		4,000	Estimate awaited. The Military Dept: approve of this work being carried out when funds are available. The work is recommended as leading to secure proper care being taken of valuable Govt: Cattle.
do	7	do	Cartsheds 90×25 at Kirkee & Stores.		4,500	Estimate awaited. The Military Dept: approve of this work being carried out when funds are available. Carts now stand in the open air & suffer deterioration from exposure.
do	8	do	Quarters for School Master & School Mistress, European Infantry.		7,000	Estimate awaited. The Military Dept: approve of the work being carried out when funds are available. It is proposed to erect new quarters near the School.
do	9	do	Completing parapet wall round Parade Barracks		7,000	Estimate awaited. This work is approved & recommended by the Military Dept: as the Barrack Square is now a thoroughfare.
do	10	do	New Armorers Shop, Parade Barracks		5,400	Estimate awaited. The Military Dept: approve of this work being carried out when funds are available.
					67,600	

Bangalore	11	+ Bangalore	Drainage of Barracks, Royal Horse Artillery.			8800	Estimate awaited – the Military Dept: approve of this work being carried out when funds are available.
Bellary	12	+ Bellary	Government Bakery for Commissariat Dept.			7400	Estimate awaited – Item No: 9 of Budget of 1879-80. The Military Dept: approve of this work being carried out when funds are available.
do	13	+ do	Cook room for Royal Artillery	2750		2750	Rs 2750 3389 of 28th August 1878 – The Military Dept: approve of this work being carried out when funds are available.
do	14	+ do	Slaughter house & hanging shed for meat of Commissariat Dept:			7210	Estimate awaited – The Military Dept: approve of this work being carried out when funds are available. The work is necessary as the cattle for the European troops are now slaughtered at the Municipal slaughter sheds which is objectionable.
do	15	+ do	New pattern punkahs throughout the racks 2/13 Light Infantry.	5000		5000	Rs 5000 4270 of 11th Febry: 1879. Item No: 1 of Budget of 1879-80
Calicut		Maliyapuram	New Barracks for 100 men			55000	15 Estimates awaited – The Military Dept: have approved of the execution of these works. The troops at Maliyapuram are temporarily housed on account of the recent fire at that station.
do	16	do	New Hospital			18000	16

Chingleput (1)	17	Ponamallee	New double storied Barracks for 200 men with out-houses.	16885			Sanctioned by the Government of India Register No. 83 M. W. of 1878-79. G.O.C. 4650 of 19th Feby: 1879. Item No 2 of Budget of 1879-80.
			New quarters for thirty families with Out-houses.	82300			
			New 2 Rms for Apothecary	7150			
			Alterations to existing buildings & demolitions	18476			
				274811			
			Deduct value of old Materials	4305			
				270506		20,000	50,000
Ganjam	18	Berhampore	Stone drainage for carrying off surface drainage of Regimental Lines	8620		6,900	G.O.C. 1505 M. of 2nd June 1879. The Military Dept: approves of this work being carried out when funds are available.
Presidency (6)	19	Veyasarawady	Press & granulating House one group viz 1 Press Room with pump house, 1 granulating house, 1 eight stone Power engine & two boilers, 1 artificer House 1 Deposit Magazine, 1 vault complete with tarred Gun waggon Roads &c at the Gun Powder Factory			122800	Estimate awaited.

Residency	20	Kyasanpady	Composition Mills, one group, viz: 1 Charcoal pulverizing room, 1 Sulphur pulverizing room, 1 mixing room, 1 House of 8 horse power Engine with 2 Boilers, 1 Tank at the Gun Powder Factory.		21050	
do	21	do	Glazing & dusting houses one group, viz 1 glazing house, 1 dusting house, one house for 12 horse power engine & 2 boilers, 1 Watch house, 1 Deposit magazine, 1 Tank complete with traverses, Tramways, Roads &c. do		92000	These works are approved by the Military Department for gradual construction as funds become available.
do	22	do	Incorporating Mills one group, viz: 6 mill Rooms, 1 House for 25 horse power engine with 2 boilers, 1 green charge deposit magazine, 2 Watch houses, 1 Tank Complete with Tramways & Roads do		50000	
do	23	do	Enlarging existing Quarters of Millmen & Supervisors for residence of Master Worker & Master Refiners at the Powder Factory.	10170	10170	G.O. No 73 of 12th June 1879. Item No: 8 of Budget of 1879-80.
do	24	do	Pebble cutting House, 1 granulating House with a Pebble cutting Machine House, do		8000	Estimate awaited.
do	25	do	1 Drying House, do		13500	do

Presidency	26	Madras	New Slaughter house	-	18950		Estimate awaited - Item No 11 of Budget for 1879-80.	The Military Dept: approve of these works. They are very urgently needed, the present site is too far & strongly objected to by the Supdt: of the York Farm. No proper supervision can be exercised at present over the supply of meat.
do		do	Quarters for Station Butcher	-	4850		do of do. Item No: 12	
Trinevelly	27	Palamcottah	~~Huts for Hospital Attendants~~ 37 Grenadier	-	2940		do	The Military Dept: approve of this work being carried out & state that it is urgently required.
Wynad	28	Cannanore	Improving Latrines of the European Barracks	2780	-	2780	3	G.O. No 1056 of 4th April 1879 - The Military Dept: approve of this work being carried out as absolutely necessary.
do	29	do	Boarding floors of European Hospital	-	-	6500		Estimate awaited - The Military Dept: approve of the execution of this work when funds are available. The Medical authorities recommend the work as the present stone floors becomes very damp in wet weather.
do	30	do	Painting doors & windows of Barracks	6430	-	6430	4	G.O. No 126 of 26th May 1873 - The Military Dept: approve of this work being carried out so as to preserve the wood work which rapidly deteriorates in the climate of the western Coast.
do	31	do	Latrines & dry earth with stores for one Native Infantry Regiment.			7000		Estimate awaited - Item No: 3 of Budget for 1879-80.

					59,340		
		Grant for Minor Works the estimated cost of which does not exceed Rs2500 each.			150,000	8	
		Repairs.			250,000	9	
					99,340.		
		Total, Military					
		Civil Buildings Original Works Postal Buildings					
Nilgiri	1	Kotagiri Sub Post Office.	3500		3500	13	G.O. no 1387 W of 16th May 1879. Item no 8 of the Return of Public Works Estimates for 1879-80.
(8)	2	Ootacamund do	13,050 17,050		10000	11	Vide letter from Govt of India No: 1881 dated 18th July 1879 Item No: 99 of Preliminary Issue of Budget for 1879-80
Consulting Architect	3	Madras do	24,570		50,000	10	Sanctioned by Govt. of India Register No: 36 B of 1876. G.O. no 1138 of 8th May 1876. Item No: 17 of Budget of 1879-80.
(7)							
Tanjore	4	Combaconum do	4,370	1320	3050	12	G.O. no 2499 W of 4-9-78.
		Grant for Minor Works the estimated cost of which does not exceed £2,500 each.			10,200	14	
		Repairs			5,000	15	
		Total, Postal			81,750		

Telegraph Buildings

Coimbatoor Architect.	5	Madras	Telegraph Office.	257.192	20909	100.000	16	Sanctioned by Govt. of India - Register No: 36 B. of 1876-77. Rs. 100.000 & 38 of 8th May 1876. Item No 19 of Budget of 1879-80.
Nilgiri	12	6	Ootacamund	do	———	21.000 ~~17.050~~	10.000	17	Public Letter No: ~~1805~~ 3672 B of 17th July 1879 from Govt. of India. Item No: 20 of Budget of 1879-80.
			Grant for Minor Works the estimated cost of which does not exceed Rs 200 each.			5.000	18	
			Repairs			5.000	19	
				Total Telegraph.		120.000		
				Salt				
Buckingham Canal	4	Ennore	Opening the bar			5.000	2.000	Estimate awaited - Item No: 30 of Budget of 1879-80.
do	8	Cuddalore	do				2.000	do
Canara	9	Tantantebony Hosdrug Gangoli Mulki	} Conoly: 4 salt preventive Stations				2.400	Estimate awaited Govt. No 2090 of 26th April 1879 R.D.
Ganjam	10	Ganjam	do masonry bridge in lieu of the wooden bridge between the Ganjam pass and the Chilka Canal.				3800	Estimate awaited - Item No: 22 of Budget of 1879-80.
Kistna Eastern Delta.	11 (13)	Bandrakka	Police Lines	450		2.570	20	Govt No 3028 W of 29th July 1878 - Item No 24 of Budget of 1879-80.
						12.720		

Kistna - Eastern Delta.	12	Ichunna Ganjum	Police Lines	4582				
do	13	do	Salt Inspectory					
15 do	14	Nizampatam	Police Lines	3562				
Madura	15	Moreholum	Masonry building for the salt Division Office					
Negapatam	16	Vedaranam	Huts for two Head Constables & nineteen Constables.	8310				
do	17	Kattumarade	Huts for one Head Constable and nine Constables.	554	497	4,000	24	G.O. No 813 W of 18th Febry: 1877 - Item No 34 of do.
do	18	Negapatam	Constn of an Office for the Dy Commissioner of Salt Revenue, Southern Division & the Salt Dy Collector, Tanjore.			5,000		Estimate awaited.
Tallore	19	Ichapalli	Making a branch road from Allore to the Salt platforms.			4,060		do
Tinderanam	20	Merkanam	Repairing & improving the Kandadoo Lattice Bridge			5,000		Estimate called for vide G.O. No 439 dt 14th Febry: & No 487 dt 19th Febry: 1879 and Item No: 31 of Budget of 1879-80
do	21	do	Head Sluices to the Merkanam Supply Channel.	200		1,600	25	G.O. No 3990 W of 14th Oct: 1878. Item No: 32 of do.
						12,700		
						2,580	21	G.O. No 3028 W of 29th July 1878 - Item No: 25 of Budget of 1879-80.
						2,000		Estimate awaited - Item No 26 of do
						2,000	22	G.O. No 3028 W of 29th July 1878. Item No 27 of do
						2,600		Estimate called for vide G.O. No 719 W of 11th March 1879 ~~Proceedings of the Board of Revenue No. 9022 of 5th October 1876, No 854 of 28th March 1876 & No. 1316 of 26th May 1876~~ - Item No: 36 of Budget of 1879-80.
						5,000	23	G.O. No 2844 W of 2nd July 1878 - Item No: 33 of Budget of 1879-80.
							24	G.O. No 813 W of 18th Febry: 1877 - Item No 34 of do.
								Estimate awaited.
								do
								Estimate called for vide G.O. No 439 dt 14th Febry: & No 487 dt 19th Febry: 1879 and Item No: 31 of Budget of 1879-80
							25	G.O. No 3990 W of 14th Oct: 1878. Item No: 32 of do.
						46,540		

	Cannanore		
	Ettecolum		
Wynad & Calicut	Bellapatam		
	Edacaad		
	Madae		
	Tellicherry		
	Cavoy		
	Budakarai	Constructing twenty three Salt Preventive Stations.	
	Tukoor		
	Nilandi		
	Chombala		
	Tanur		
	Perone		
	Ponani		
	Tirure		
	Idakatyur		
	Chetwaye		
	Pepanebatham		
	Valapand		
	Madulagum		
	Calicut		
	Beypore		
	Perpangadi		

Grant for Minor Works the estimated cost of which does not exceed Rs 2500 each.

46500

9000 Estimate awaited - Item No. 35 of Budget of 1879-80.

10490 26

66030

			Repairs			66030	
			Total Salt			3970	27
						70,000	
			Miscellaneous Public Imp^t: Original Works Light Houses.				
Kistna – Eastern Delta	1	False Point Divi	Construction of Beacon			5540	Estimate awaited – Item No: 39 of Budget of 1879-80.
Tinnevelly	2	Muttum	do. of Light-House			7500	do. Item No 40 of do.
			Grant for minor Works the estimated cost of which does not exceed Rs 2000 each.			2500	128
			Repairs			2000	129
			Total Miss: Pub: Impt:			85840	

Statement showing the probable amount that will be required in the Madras Presidency on account of Imperial Works &c for 1880-81 under each head of Service.

	Original Works			Repairs	Establishment	Tools	total.
	Major works	Minor Works	Total				
Military	593140	150000	743140	250000	248285	24828	1266253
Other Services							
Postal Buildings	66550	10200	76750	5000	20438	2043	104231
Telegraph do	110000	5000	115000	5000	30000	3000	153000
Salt Works	55540	10490	66030	3970	17500	1750	89250
Miscellaneous Public Impt.	81340	2500	83840	2000	21400	2140	109446
Total	906570	178190	1084760	265970	337683	33767	1722180

A

G.Q.2479 A4 B M
Bf 1-10-79

So ff.

herewith revised schedu
the items have been
divided as far as
possible into classes
A and B.
In the case of the
last works it has
already been remarked
that nothing has been
said about the
urgency of them, but
lectured on their gene
budget, and as the
last is a framing
department year whic
it is hoped to devise
such clearance, it appe
not unreasonable
count all the works
which have not been
struck out by this
year or class A as
& It is difficult
basis of lectures to the
urgency of such works

as compared with
many Military works which
have been struck out
but practically each
branch must be
considered separately.
You will see that Sir
Frere has ordered all
Gunpowder items to
be struck out. Some
make the last Military
Excepted.
As to these Military
works. Sir Hodges favour
remarks have been entered
(item No) as a B work.
Some remarks being made in
the last Column; and as
Sir Frere's note about the
Gunpowder works led upon
reference to the inclusion of
an Unsanctioned work, it
has been presumed that he
had in view only item No.
19 (in the rough schedule,) and
not items 19–25 inclusive.
Only item 19 has therefore
been Entered in the revised

Schedule.
Item No. 2 (revised schedule)
[No 1 (rough schedule)] was
said to have been
recommended by the Mily.
Authorities for execution
when funds were
available; from which
it might be inferred
that it was not a
work of great urgency.
However, Sir Frere
& Mr. the Lieut C. both
left it in, and as it
was, if a B work,
had no right to be
in the Schedule, it
seemed better to regard
it as an A work.

If you approve the
Schedule, will you please
despatch it with the
letter? An office Copy
for the press will be
made tomorrow, and
proofs will be
sent to the Sec's about
the Early Submission

of the vote for the
Legislature Powder work,
& the Municipal Loans.
Remarks. A slight
alteration in the 9th will also be
required.
H.H.
4/10

Observations
distributed to Lines 9/1

1/10/79

Imperial Demand 35

Note

Of the 31 items in the schedule, it is understood that Nos. 1, 2, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, are to be omitted with reference to the previous letter, and Nos. 3, 4, 9, 18, 27, 29, 31 with reference to your remarks, which are agreed to by the Dept. — The substituting have been sanctioned for the Nos. 16 and 28 appear, you will see, in both lists. Nos. 18, 28, 30, therefore alone remain, and the amount value Major Pirie in the Island from £ 5,93.140 to £ 13,610

It can hardly be hoped that this will, by the time the Local Legislature returns the Major Pirie, and Port Pirie will be dealt with before the

therefore hold good

As regards Salt demands

it is understood that

Nos. 7, 8, 9, 10, 13, 15, 18, 19, 20 and 22, are to be omitted, with reference to your remarks, as stocks have not been ascertained.

Nos. 11, 12, 14, 16, 17, and 21, will stand. The amount of these is Rs. 17,680, and that of the grant for these works Rs. 10,490.

The salt demands will thus be :—

	Rs.
Major Works	17,680
Minor Works	10,490
Repairs	3,970
	= 32,140
Establishment	8,035
Tools & Plant	803
Total	= 40,978

against the original figure—

Rs. 89,250.

As regards Miscellaneous

Public Improvements demands

both the entries must be omitted with reference to your remarks, Tott. not having

as they stand. But as the Govt. note that the expenditure under the two last heads "of the latest extent of more or less required every year" it may be left to Govt. if it is presumed, to reduce the grants - if they think fit

(enclosed)
The totals under subsidiary
will then stand as follows :—

	Rs
Major Works	13,610
Minor Works	1,50,000
Repairs	2,50,000
	= 4,13,610
Establishment	1,03,402
Tools & Plant	10,340
Total	= 5,27,352

against the original figure—
Rs. 1366,253.

As regards Postal & Telegraph buildings, the same remarks will be omitted in all cases, the Govt. note observe that Govt. must decide whether to give what is asked for, or a part of it. The totals of Rs. 104231 for Postal buildings and Rs. 1,25,000 for Telegraph buildings

been sanctioned.

The totals will therefore be :—

	£.
Major Works ...	nil
Minor Works ...	3,500
Repairs ...	2,000
	= 4,500
Establishment ...	1,125
Tools & Plant ...	112
Total =	5,737

against the original figures - £. 109,446.

The grand total under all heads & services will, with these reductions, amount to £. 8,31,298

against the former amount of :- 17,22,180,

a saving of £. 8,90,882 having been effected.

A.C.
28/9.

37

His Grace the Governor

For orders

I have personally gone over the items of the Schedule of Military works (Materials) with H.E. the C in C who as will be observed has placed some pencil observations against works Nos 15, 16, 17, 27 & 31, and with reference to these I would now solicit His Grace's final instructions

As regards No 15 H.Q. is not absolutely necessary; so far as concerns the Jamkhed line only remains that these now also may be left in abeyance a matter that can be provided for from Reserves

What is all that is necessary to quite right Sir
P.S.D.

Of the working of the Arm raised in the 2/13 Lt. Infantry I am not aware but there also might possibly be arranged for in the same way

No 16 H.E. here observes that "if the "detachment is kept "at Malliapooram "proper buildings are "needed" - If nations are to take the place of Europeans proper shelter with stable be needed, but in any case it may be desirable to keep in the item?

No 17 Sir Neville observes "We need accommodation "for the invalids sent "to this depôt altogether "to existing buildings "may suffice, and "Quarters for the

Yes H.E.

Surmounted from Maj. Thompson's accommodation for 2 or 3 years for which needed the existing shelters could easily be made serviceable Two companies for latter Malaby or Otter Tope allowed - I feel Resident: Port Hastings will be allowed any

Hart Town Hall
The item should only stand as an amount until Captain Jayakar and Surmounted Captain Robertson

Hall

Jayakar Hall

No 27. I submit that my remarks - The £ 1 conversion rate quoted seems may only be that there may only be a few of them - I understand that all European contracts are damaged by a flood -

Struck out H.E. Hall

"Appointments in the "present year"

In which case I would beg to suggest that 2000 be kept in the Budget instead of the £ 2 Lakhs as entered

Regarding No 27 the remarks "it will "be observed in Palamcotta "if reduced to a small "the Quarters may not "be needed" - Under the contingency contemplated may the item be struck out?

Agreed No 31 H.E. remarks "with a Refr "and a wing proposed "for Commissariat - If "Sanctioned this work "may not be needed"

Under these circumstances I would wish to know if the item is to stand

Generally as regards the Appendix of this

Budget

I would if permitted adopt the arrangement framed by the GOI by showing as (A) works already sanctioned which have a currency (B) doubtful currency, and (C) those which are to be entirely excluded from the year's Budget. This will simplify the passing of orders by Govt. of India

As regards works which are recognized as urgent but for which the Estimates are "awaited" I would if allowed still retain them in this Preliminary Schedule, merely striking them out for the final Budget. With the least number of eliminations and orders there should be no difficulty in having Estimates framed & sanctioned for all the items for the final Budget

29/9/79

Attd

Should not this be put through separately (under A except the Madras portion) under powers not transmitted

Seen as returned

Should the Estimates not by that time be forthcoming

Further works submitted by my earlier observations

Returned

29/9/79

29/9/79

To the Commander in Chief

For orders

The annexed papers file connected with the Schedule of Proposal sanctioned in 1880-81 with the Govt of India note thereon is forwarded for the observations of H.E. the C in C

As the schedules should previously have the command I would solicit the favour of the matter coming to Earliest attention of H.E. and if desired I should be happy to wait on him personally and attend any

cleared Explanation

It will be observed that in addition to the works which are not considered of urgent necessity by H.Q. the Government No 3, 4, 9, 16, 26, 27 29 & 31 would eventually also have to be struck out - if on framing the final Budget they are undertaken by definite designs and Sanction but I would ask on this account alone

Strike them out now if H.E. the C in C wishes to retain them - It would however have the Works annexed

much trouble if any of them as many not be in H.E.'s opinion of pressing necessity were now served on

Please read the annexed Note with its view future remarks

29/9/19

Hon W Hudleston
Has leave to forward

For orders

I herewith send up the Schedules of Annual works for 1880-81

A copy each of the abstract & the Schedules for the 1st October I must solicit the earliest possible orders to allow sufficient time in time being framed in Office &

Please read the amended Office note by the Dr W which enter the other documents & furnish all needful explanations —

I quite approve the C.E.'s views expressed in this note. [illegible]

27.9.79

See sep Sheet

[illegible]

11-10-

It will be observed that I have stood in pencil to proposed orders, and these amendations I hope may be approved

A

I have all along pointed out that there has been a radical defect in controlling estimates to the detriment of Budgets by alteration of items in which there is no sanctioned design and Estimate. This is the fruitful source of all subsequent complications, and lies at the root of most of the trouble with the Examiner's Office, with the

42/8

Auditor's running entries in the "Objects & item Statements"

I trust the Government will support me in now ruling absolutely that no item shall find place in a Budget in which there is no sanctioned design and Estimate, and that responsibility to this be rigidly enforced.

22.8.79

P. W. SECRETARIAT—1879-80.

KEEP WITH

Current No. _____

Letter No. _____

Dated the _____

from the _____

Recd. 21/9

For Ed.

Memo with the
Secretariat Order
Demi-official
Demi-official for 1880-81
to the Superintendent
By the Government
Nos. 117, 28 & 80 have
Canadian Railways
1879 are incomplete
Banks of provinces
for and 28 and 31
Appear urgently required
Nos. 3, 4, 9, 15, 26, 27 are
dated 8th much
required by the

estimates for them are "remitted". They may be allowed to remain on the understanding that the estimates will be sanctioned in time for provision in the preliminary review of the Budget, but it is doubtful whether the Govt. of India will agree to this having in view their orders against providing funds for unsanctioned works. Then these items are set down for expenditure no funds are available. If the demands are to be restricted to actuals requirements these may be omitted altogether in this year's schedule.

I think this comes to a contrary rule — Still my contention remains any blame to the Govt —

if however my remarks + circulars are carried out Govt of India will fall out /Bk

The demands for minor works and repairs may stand as expenditure to the extent entered in more or less fragmentary way year.

When it has been finally decided to entrust the execution of ordinary repairs to the Depts. concerned; provision for Military repairs in the P. W. Budget will be correspondingly reduced.

Agreed Major Thomson

Civil

Mil Military; we must always execute them, I think —

"Other Services
Civil Buildings
Postal & Telegraph

All the works entered have sanctioned estimates.

For items 3 & 5 the combined Post and Telegraph Office at Madras, the Director General of Telegraphs enters Rs 1,00,000 Remarking that the urgency of the work has been frequently known and admitted. The Director General of Post Offices has

The Director General of Post Offices provides Rs 3,500 for Item No 1 (Post office at Kodaghur) which is stated to be urgently required.

made no provision for the work in his statement but states that "a special remark "has been made on the "subject expressing a "hope that an allot= "=ment may be made "for the purpose".

The sum of Rs 5,000 has accordingly been allowed on this account, making a total of Rs 1,57,000 subject of course to the approval of the Govt of India.

The sum of Rs 20,000 has been entered for items 2 & 6 the combined Post and

Telegraph Office at Bobbaconnum. with reference to para. 6 of letter to the Govt. of India No 1886 dated 18th July 1879.

Provision of Rs 3050 for item 4 has been made with reference to G.O. No: 3499 dated 4th September 1878.

For Minor Works and Repairs the same remarks apply as in the case of Military Repairs.

Salt Nos. 7, 8, 9, 10, 13, 15, 18, 19, 20, & 22. Estimates for these are awaited.

Not has been sent to Chief Engineer

207

The others have sanctioned Estimates. The Salt Commissioner however prefers no explanation as to the present necessity for undertaking the works.

Miscellaneous Public Improvements.

Estimates are awaited for the works entered.

This item should be kept up rather liberally, but I think it is fairly complete —

Ltd 20/9

S

209

PROCEEDINGS of the MADRAS GOVERNMENT.

READ the following

From

The Secy. to Govt. — (No. 4578 dated 20th August 1879)

" The Dirtr. Genl. of Post Offices — (" " 4863 " 4th Septr. —)

" The Dirtr. Genl. of Telegraphs in India — (" " 1974 " 10th —)

" The Commissioner of Salt Revenue — (" " — " 14th Septr. 1879)

" The Master Attendant Administrative Depot — (" " 6960 " 11th —)

Ordered, that the subsidy of Funds for Imperial works under Roads and Buildings in 1880-81 be forwarded to the Govt. of India and also circulated to Superintending Engineers, who will have no time in preparing and submitting the necessary plans and estimates for all works

× Sent to C for certain information —

22/9/79

for which estimates are avoided.

Unless plans and estimates are submitted in time for sanction, before the ~~1st December~~ 15 Nov. next, the date on which the Preliminary Account of the Budget will be compiled for submission to the Govt. of India, appropriations ~~cannot be relied on~~ the item deficient or the reverse will be struck out of the Budget and the Upper Wing duly to be prepared the charge & Estimate Clerk personally responsible

Attd

To the Secy. to the Govt of India, Pub. Dept.

Sir,

With reference to Circular from the Govt of India No 349-74-A. G dated 19-8-79, I am directed to forward the Schedule of the Imperial Requirements

Supdg. Engineers
Divl. Dept. &
Rly. Dept
Trl. Dept.
Pol. Pub. Dept.

Attd

48 of

on account of Public Works under Roads and Buildings for the year 1880-81.

D 203

27/9/79

Attd

19.9

I do not think the recommendations
Mess Sheppard please in retaining
at a time of such pressure

Number 1. This would be a convenience but
is not a necessity — $500

Numbers 2, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15 as such
are only asked for when funds are
available must be omitted as
funds are available for any pressing
absolute
but necessity urgent necessity —

Write respecting No 7. if Miss not been
before sent which it might before Jenny
included in estimate — (the same remark
applies to general other cases) need of
apparently needs consideration for
The cost of the Shed to shelter the tank
needed apparently ~~for a new~~
Much more than Jennie for any

deterioration of the carts — as
from ~~date~~ area of Station — the
cost is probably more than 170
Rupees per cart ½

Number 9 — has been done with the
years — & may continue 5 years
for another year or two — although
to doubt — a convenience

Number 16 R 73,000 — I think this
should be further considered —
I think the occupation of
this detached post — not likely
to be continued by Europeans
& continued to stand
Number 17 — should in any opinion stand
over

Number 19 — 26 amount — I think all
be omitted from next years
Estimates — the post should

be available for one battalion the
year —

Number 20 — R 23,000 — the system of
Sub Insp. of Jams is to be removed
for expense — the distance is
considerable — the same supervision
can be exercised as was done for
years past — is not
a necessity. because it can be done
& efficiently as it was done with the ill-
treatment as it has been with the
consequences

Civil Buildings

Item amount not to be for I
Suez Postal Telegraph — if they
consider them necessary they must
grant the money or a portion of it —

The amount will be materially

51 75

Schedule

of

Imperial Engineers

for

Indeed & Steam vessels
would go with a Sea Service and
that in consequence of the expense
they would be very heavy for Convoy that Sea Service
decided not to include estimates for
any work for the urgent necessity for
the immediate execution of which
this Board is satisfied & that Steam
Many vessels would be required &
indeed would be justified in
the present

2/7/9

Rec'd 11.30
28/7/79

76
52

Schedule of Buildings and Roads for probable requirements of the Works for 1880-81.

Buildings and Roads
Madras Presidency on account of Imperial

Executive Division	No	Locality	Description	Amount of Estimate	Estimate Expenditure upto 31st March 1880	Estimate 1880-81	No	Remarks or References.
			Imperial Military Original Works.					
Chingleput	1	Poonamallee	New double storied barracks for 200 men with out kitchens	1,66,885				Sanctioned by the Govt of India No 83 M.W. of 1878-79. Govt No 165 W of 13 Feb 79. Item No 12 of Budget of 1879-80. Class A Work. Urgently required
			New Quarters for Apothecary	7150				
			Alterations to existing buildings and demolitions	18476				
				2,74,811				
			Deduct value of old materials	4305				
				2,70,506	20,000	20,000	1	
Ganjam	2	Berhampore	Stone Drainage for carrying off surface Drainage of Regimental lines	6420	6400	2		Govt No 1505 W of 2nd June 1879. The Military Dept. approve of the work being carried out when funds are available. Class A Work. Urgently required.
Wynaad	3	Cumaum	Improving Latrines of the European Barracks	2780	2780	3		Govt No 1056 W of 4th April 1879. The Civil Dept Class A. Work. Urgently required
					29,180			

Carried over

			Brought forward			29,180	
Wynaad	4	Commence painting doors & windows of Barracks	4430	.	4430	4	G Ben 126 of 26 May 1873. Class A Work urgently required to preserve the wood work which rapidly deteriorates in the climate of Malabar.
Calicut	5	Mallijapuram New Barracks for 100 men	.	.	55,000	5	Estimates awaited. Class B work. of doubtful ur- Gency. The troops at Mallija- puram are temporarily housed on account of the Lake fire at that Station. If it is determined per- manently to retain a European detachment the amount entered will be needed to replace the buildings destroyed.
		Do New Hospital	.	.	18,000		
Presidency	6	Kaysanpady Press & granulating houses one Group, viz 6 Press room with pumps house, Granite house, 1 eight horse power engine and two boilers, 1 watch house, 1 Deposit Magazine, 1 tank complete with traverses, tramways, Roads, &c, at the Ennur Powder Factory	.	.	1,22,800	6	
					2,25,580		
		Grant for Minor works the estimates cost of which does not exceed Rs 2500 each			1,50,000		
		Repairs			2,50,000		
		Total Military			6,29,480		

Civil Buildings
Original Works
Postal Buildings

Consulting Architect for Madras Head Post Office	2,45,010	.	50,000	/	Sanctioned by Govt of India. Rejected No 36 B of 1876-77. & No 138 of 8th Augt. Item No 17 of Budget of 1879-80. Class A. Work
Repairs & Enhancement New Post Office	13,000	.	10,000	8	Sanctioned by Govt of India. Rejected No 13 B of 1879-80. Class A Work
Tanjore Q Enhancement New Post Office	4570	1320	3050	9	G Nos 3499 to 34 Sept. 1878. Class A. Work
Nilgiris to Kotagiris New Post Office	3500	.	3500	10	G Nos 1587 to 8 16 May 1879. Item No 8 of the Preliminary Issue of the Budget of 1879-80. Class B Work
			16,200		
Grant for Minor Works the estimated cost of which does not exceed Rs 2500 each			5000		
Repairs					
Total Postal			81,750		

Telegraph Buildings

Erecting
Erection of new Telegraph Office

25/92 20909 1,00,000 " Sanctioned by the Govt of India Res. Rejected
No 36 B of 1878-79 & No 138 of 8 May 80.
Item No 19 of Budget of 1879-80.
Asst Work

21,700

Kalyan 12 Quarters Telegraph Office

10,000 12 Sanctioned by the Govt of India Res. Rejected
No 13 B of 1879-80. Item No 24 of Estimate
Item of Budget of 1879-80. Asst Work

Grant for minor works to estimated
cost of which does not exceed
Rs 2500 each

5000

Repairs

5000

Total Telegraph

1,20,000

Salt

Kistna								
Eastern Delta	13	Pandaka	Police Lines	4507	...	2500	13	Ex Rec 3028 dated 2nd July 78. Item No 24 of Budget of 1879-80. Class A. Work.
Do	14	Chinna Ganjam	Police Lines	4582	.	2500	14	Ex Rec 3028 dated 2nd July 78. Item No 25 of Budget of 1879-80. Class A. Work.
Do	15	Nizampatam	Police Lines	3562	.	2000	15	Ex Rec 3028 dated 2nd July 78. Item No 27 of Budget of 1879-80. Class A. Work.
Kistnapatam & Vedaniem			Huts for five Head Constables and nineteen Constables	8310	"	5000	16	Ex Rec 2864 dated 2nd July 78. Item No 33 of Budget of 1879-80. Class A. Work.
Do	17	Kattumanadi	Huts for one Head Constable and nine Constables	5540	"	4000	17	Ex Rec 3336 dated 28th Feb 79. Item No 34 of Budget of 1879-80. Class A. Work.
Tsinderavanum	18	Merkanum	Head sluice to the Merkanum brine supply channel	2000	"	1600	18	Ex Rec 3990 dated 3rd Oct 78. Item No 32 of Budget of 1879-80. Class A. Work.
			Grant for Minor works the estimated cost of which does not exceed Rs: 2500 each			10490		
			Repairs			3970		
			" Total, Salt			32,140		

Miscellaneous Public Improvement
Original Works.
Bil.

Grant for Minor works the estimated cost of which does not exceed Rs2500 each	2500
Repairs	2000
Total, Misc. Pub. Impt.	4500

Statement showing the probable amount that will be required in the Madras Presidency on account of Imperial Works, P.W. for 1880-81 under each head of Service.

	Original Works			Repairs	Establishment	Tools	Total.
	Major Works	Minor Works	Total				
Military	2,29,410	1,50,000	3,79,410	2,50,000	1,57,352	15,735	8.02,497
Other Services.							
Postal Buildings	66,550	10,200	76,750	5,000	20,438	2,043	1,04,231
Telegraph do	1,10,000	5,000	1,15,000	5,000	30,000	3,000	1.53,000
Salt Works	17600	10,490	28,170	3,970	8,035	803	40,978
Mis. Pub. Improvement	"	2,500	2,500	2000	1,125	112	5,737
Total	4,23,640	1,78,190	6,01,830	2,65,970	2,16,950	21,693	11,06,443

No. 2479 A-N
dy 1st 2nd Octr 1879

Imperial
Public Works
Civil
Fleet

P. W. Departt.

Proceedings of the Madras Government

Under date the 1st October 1879

Read the following:-

P 1

From the Military Departt. (H.C. No 4578 dy 20th Augt 79
" Director General of Post offices (" 4863 " 4th Septr "
" do Telegraphs (" 1924 " 10th do
" Commissioner of Salt Revs (" 7289 " 14th do
" Master Attendant (" " 6960 " 11th "

B

Ordered that the Schedule of funds required for Imperial Works under Roads and Buildings in 1880-81 be forwarded to the Government of India, and circulated to Superintending Engineers

No time should be lost by the Superintending Engineers of the 3d and 4th Circles in preparing and submitting the necessary estimates and plans for the undermentioned works which are the only unsanctioned projects which Government can consent to enter in the schedule.

Presidency - Vegavarapady - Press & granulating houses, one granp - viz: 1 Press room with granp house, granulating house 1 eight horse power engine and two boilers, 1 Watch house, 1 Deposit Magazine, 1 tank complete with traverses, tramways, roads, &c. at the Gun Powder Factory.

Cuddapah { Malliyapuram - New Barracks for 100 men
do New Hospital - - -

2. Unless plans and estimates are submitted in time for sanction before the 15th November next, the items will be struck out of the Budget and the officer whose duty it is to propose the design and estimate will be held personally responsible.

H.L. No. 2479 B-Ir dy 1st Oct/79.

To the Secy: to the Govt of India, P.W.D.

Sir

With reference to Circular from the

M 5 despd to S. Engrs 5th & 4th Circles 3/10/79

S. Engrs
Mly Dept
Rev Dept
Fin Dept
Ex Mra
Despd 11-10-79

8/14 54 80

#60

Govt. of India Do. 349-74 R.B.
dated 19th August 1879.
I am directed to forward
the schedule of the
Imperial requirements
on account of Public
Works under Roads and
Buildings for the year
1880-81.

6/10/79

3/10

Encl. despd to Govt of India
Schedule 2/10
5 Copies despatched
11-10-79.

No 66 91 9a 9a

☆

Govt. of [1879] Madras.

PUBLIC WORKS.

Rec'd

Read

Rec'd

Read

G. O. Oct 1879. No. 2479 A
2479 B.

No 2 A - 29

Repairs to Windows

required for Imperial

Works under Roads and

Buildings Rs. 1000 for 81.

Amounts to Rs. 1 and

Credited to Bishop's

Allowance.

Refund of Imperial

repairs not required

to be met under Roads and

Buildings Rs. 1000 for