Accompaniment to G.O., No. 1594 W., dated 23rd June 1886.

A.—Statement showing funds applied for and those granted under Provincial.

	Amount applied for							Amount granted.						
	Minor Works.			Repairs.			Tools and Plant.	Minor Works.			Repairs.			Tools and Plant.
	Civil Buildings.	Communications.	Miscellaneous Public Improvements.	Civil Buildings.	Communications.	Miscellaneous Public Improvements.		Civil Buildings.	Communications.	Miscellaneous Public Improvements.	Civil Buildings.	Communications.	Miscellaneous Public Improvements.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	..	..	..	1,000	..	..	400	..	..	..	1,000	..	..	400
Rushikulya	100	..	..	2,000	500	..	200	100	..	..	2,000	500	..	200
Vizagapatam	500	..	..	5,000	12,500	..	7,000	500	..	..	5,000	12,500	..	5,502
Eastern Godávari	850	..	..	5,000	10,000	..	..	850	..	..	5,000	10,000	..	..
Central do.	..	..	..	500	..	..	..	..	..	..	500	..	..	..
Western do.	300	..	..	800	..	..	500	300	..	..	800	..	..	500
Eastern Kistna	..	..	..	3,000	..	500	3,900	..	..	..	3,000	..	500	2,500
Western do.	115	..	..	400	..	..	100	115	..	..	400	..	..	100
Gudiváda	..	..	..	..	..	..	300	..	..	..	..	..	..	300
Nellore	500	..	..	5,000	..	..	2,300	500	..	..	5,000	..	..	2,300
Sangam Project	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Buckingham Canal	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bellary	700	..	..	2,000	..	..	1,000	700	..	..	2,000	..	..	1,000
Cuddapah	700	..	..	1,500	..	..	900	700	..	..	1,500	..	..	900
Kurnool	200	..	..	1,000	..	..	1,000	200	..	..	1,000	..	..	1,000
C. Project	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nílgiri	..	..	..	19,000	35,500	15,000	3,000	..	..	..	17,000	35,500	15,000	3,000
Coimbatore	500	..	..	4,000	..	..	1,200	500	..	..	4,000	..	..	1,200
West Coast	1,000	..	..	5,500	..	..	1,500	1,000	..	..	5,000	..	..	1,500
North Arcot	5,795	..	..	7,000	..	..	800	3,000	..	..	7,000	..	..	800
South do.	2,600	..	..	2,000	..	..	2,300	2,600	..	..	2,000	..	..	2,300
Chingleput	7,000	..	..	5,000	..	..	700	7,000	..	..	5,000	..	..	700
Presidency	10,000	..	..	50,000	18,000	3,000	5,726	10,000	..	..	45,000	18,000	3,000	† 5,226
Tanjore	200	..	..	2,500	..	..	1,000	200	..	..	2,500	..	..	1,000
Trichinopoly	4,000	..	..	4,000	..	..	1,000	1,000	..	..	4,000	..	..	1,000
Negapatam	200	..	..	1,500	..	..	500	200	..	..	1,500	..	..	500
Madura	500	..	..	1,000	..	..	300	500	..	..	1,000	..	..	100
Tinnevelly	200	..	..	1,000	..	..	1,000	200	..	..	1,000	..	..	1,000
Architect	2,000	..	200	20,000	..	5,000	2,642	2,000	..	200	* 20,000	..	5,000	‡ 2,642
Public Works Stores	..	..	..	..	..	..	15,000	..	..	..	..	..	..	15,000
Reserve with the Government	..	..	..	..	..	..	..	2,654	..	..	..	..	..	..
Do. do. for Archæological Works	..	..	..	..	..	..	..	..	..	..	7,500	..	..	..
Total	37,960	..	200	1,49,700	76,500	23,500	54,268	34,819	..	200	1,49,700	76,500	23,500	50,670

* Includes provision for the estimates sanctioned in G.O., No. 1846 W., dated 10th August 1885.
† Includes provision of Rs. 2,226 for maintaining the pump and engine at the Guindy Water Works.
‡ Includes provision of Rs. 2,142 for the purchase of machinery for the Government Brickfield at Madras.

B.—Statement of requirements on account of Provincial Incomplete Works for 1885-86 and of New Works sanctioned but not yet commenced.

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amount applied for 1886-87.		Amount allotted		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		Provincial.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
		Minor Works.										
Rushikulya ..	1	Providing accommodation for female prisoners in the district jail at Berhampore.	1,400	G.O., No. 588 W., of 4th March 1884.	..	1,400	..	1,400	..	..	1	No funds are available.
Do. ..	2	Condemned cells in the district jail at Berhampore.	720	G.O., No. 382 W., of 11th Feb. 1886.	..	720	..	720	..	720	2	From the reserve.
Vizagapatam ..	3	Alterations to the apothecary's quarters and reconstructing the guard-room for females in the lunatic asylum, Waltair.	1,334	G.O., No. 1552 W., of 3rd July 1885.	..	1,334	..	1,334	..	..	3	No funds are available.
Do. ..	4	Additions to the deputy tahsildar's office at Bimlipatam.	1,040	G.O., No. 1267 W., of 19th May 1886.	..	1,040	..	1,040	..	1,040	4	From the reserve.
Do. ..	5	Improvements to the district court at Vizagapatam.	1,861	G.O., No. 1110 W., of 3rd May 1886.	..	1,861	..	1,861	..	1,861	5	Do.
Do. ..	6	Improvements to the sub-jail attached to the sub-magistrate's office at Vizagapatam.	1,400	G.O., No. 1437 W., of 7th June 1886.	..	1,400	..	1,400	..	1,400	6	Do.
Godávari, Western.	7	Constructing a ryots' shed at the sub-magistrate's office, Pentapad.	1,180	G.O., No. 2866 W., of 15th Nov. 1884.	..	1,180	..	1,180	..	..	7	No funds are available.
Beliary ..	8	Reroofing a portion of the store-shed in the Executive Engineer's yard at Bellary.	1,418	G.O., No. 2159 W., of 15th Sept. 1885.	..	1,418	..	1,418	..	..	8	Do.
Cuddapah ..	9	Improvements to the record-room of the tahsildar's office at Badvél.	1,144	G.O., No. 338 W., of 13th Feb. 1885.	..	1,144	..	1,144	..	1,144	9	From the reserve.
Kurnool ..	10	Constructing three condemned cells in the district jail at Kurnool.	1,090	G.O., No. 3008 W., of 15th Dec. 1885.	..	1,090	..	1,090	..	..	10	No funds are available.
Nilgiri ..	11	Extending Coonoor cemetery ..	950	G.O., No. 1983 W., of 26th Aug. 1885.	380	570	570	..	570	..	11	From the reserve.
Do. ..	12	Well in the compound of the sub-magistrate's office at Gúdalúr.	720	G.O., No. 676 W., of 13th Mar. 1886.	65	655	655	..	655	..	12	Do.
Do. ..	13	Providing lightning conductors for St. Stephen's church, Ootacamund.	1,550	G.O., No. 1430 W., of 7th June 1886.	..	1,550	..	1,550	..	1,550	13	Do.
Do. ..	14	Providing lightning conductors to place of arms on Bombay Castle Hill, Ootacamund.	720	Do. ..	..	720	..	720	..	720	14	Do.
Do. ..	15	Do. do. to Bombay Castle, Ootacamund.	1,350	Do. ..	..	1,350	..	1,350	..	1,350	15	Do.
Do. ..	16	Do. do to Council Chamber, Ootacamund.	730	Do. ..	..	730	..	730	..	730	16	Do.
Do. ..	17	Providing lightning conductors to Government offices, Ootacamund.	1,850	Do. ..	..	1,850	..	1,850	..	1,850	17	Do.
Do. ..	18	Raising a portion of the 6th mile of Ootacamund-Gúdalúr road.	500	....	..	500	..	500	..	500	18	Do.
West Coast ..	19	Alterations to the tahsildar's office at Mangalore.	595	G.O., No. 1868 W., of 12th Aug. 1885.	..	595	..	595	..	595	19	Do.
Do. ..	20	Providing glazed shutters and sun shades over the windows of the district munsif's court at Udipi.	270	S. E.'s., register No. 42 of 1884-85.	..	270	..	270	..	..	20	No funds are available.
Do. ..	21	Alterations and improvements to the munsif's court at Parpanangádi.	1,534	G.O., No. 1858 W., of 12th Aug. 1885.	..	1,534	..	1,534	..	..	21	Do.
Do. ..	22	Converting into patients' wards the sweepers' quarters at the lunatic asylum, Calicut.	1,960	G.O., No. 279 W., of 1st Feb. 1886.	..	1,960	..	1,960	..	1,960	22	From the reserve.
Do. ..	23	Additions and alterations to the district munsif's court at Pynad.	1,520	G.O., No. 929 W., of 5th April 1886.	500	1,020	1,020	..	1,020	..	23	Do.
Do. ..	24	Surveying for a new munsif's court at Karaikal.	3	S.E's., register, No. 5 of 1885-86.	..	3	..	3	..	..	24	To be met from the lump sum allotment to the division.
Do. ..	25	Barbed wire fence around the district munsif's court at Puttúr.	480	Do. do. No. 2 of 1886-87.	..	480	..	480	..	..	25	No funds are available.
Coimbatore ..	26	Putting the overseer's shed at Dhárápuram in good order for use as inspection bungalow.	263	Do. do. No. 16 of 1885-86.	..	263	..	263	..	..	26	Do.
Do. ..	27	Supplying and fitting iron safes for tahsildar's office at Palladam.	850	G.O., No. 1232 W., of 28th May 1885.	..	850	..	850	..	..	27	Do.
Do. ..	28	Do. do. at Karúr	840	Do. do. ..	..	840	..	840	..	..	28	Do.
Do. ..	29	Do. do. at Satyamangalam ..	860	Do. do. ..	..	860	..	860	..	..	29	Do.
Do. ..	30	Do. do. at Coimbatore ..	426	S.E's., register, No. 68 of 1884-85.	..	426	..	426	..	..	30	Do.
Do. ..	31	Do. do. at Kollegál ..	445	Do. do. No. 69 of 1884-85.	..	445	..	445	..	..	31	Do.
Do. ..	32	Do. do. at Bhávání ..	420	Do. do. No. 66 of 1884-85.	..	420	..	420	..	..	32	Do.
Do. ..	33	Do. do. at Utengiri ..	235	Do. do. No. 1 of 1885-86.	..	235	..	235	..	..	33	Do.
Do. ..	34	Do. do. at Yercaud ..	208	Do. do. No. 2 of 1885-86.	..	208	..	208	..	..	34	Do.
Do. ..	35	Constructing a wrought-iron strong-room for the huzur treasury at Salem.	1,650	G.O., No. 1826 W, of 28th July 1884.	..	1,650	..	1,650	..	..	35	Do.
Do. ..	36	Temporary establishment for survey of road from Salem to Yercaud.	2,210	G.O., No. 1876 W., of 13th Aug. 1885.	496	1,714	1,714	..	1,714	..	36	From the reserve.
North Arcot ..	37	Improving the Government school-house at Arcot.	1,210	G.O., No. 517 W., of 6th Mar. 1885.	400	810	1,030	..	810	..	37	Funds to the extent of balance of the sanctioned estimate have been provided, pending receipt of a revised estimate.
Do. ..	38	Constructing quarters for an hospital assistant attached to the central jail at Vellore.	1,490	G.O., No. 1199 W., of 12th May 1886.	..	1,490	..	1,490	..	1,490	38	From the reserve.
Presidency ..	39	Tiffin-rooms for Hindu students of the Medical College at Madras.	1,560	G.O., No. 1284 W., of 21st May 1886.	..	1,560	..	1,560	..	1,560	39	Do.

B.—Statement of requirements on account of Provincial Incomplete Works for 1885-86, and of New Works sanctioned but not yet commenced—*cont.*

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amount applied for 1886-87		Amount allotted.		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		PROVINCIAL.	RS.		RS.	RS.	RS.	RS.	RS.	RS.		
		Minor Works—cont.										
Tanjore ..	40	Constructing a masonry wall on the south side of the Cauvery river for the protection of the town of Kumbakónam.	2,330	G.O., No. 2345 W., of 9th Oct. 1885.	2,013	317	328	..	..	..	40	Appropriation not necessary under Code para. 2293, part III.
Tinnevelly ..	41	Additions and alterations to the huzur treasury at Kokarakulam.	2,070	G.O., No. 147 W., of 18th Jan. 1886.	..	2,070	..	2,070	..	..	41	No funds are available.
Architect ..	42	Rebuilding a portion of the outhouses attached to the Principal of the College of Engineering at Chepâk.	1,395	G.O., No. 1130 W., of 5th May 1886.	..	1,395	..	1,395	..	1,395	42	From the reserve.
		Total, Minor Works ..	..		..	..	5,317	36,841	4,769	19,865		
		Major Works.										
Vizagapatam ..	43	Providing additional accommodation for the huzur treasury at Vizagapatam.	8,870	G.O., No. 2138 W., of 29th Aug. 1884.	6,572	2,298	2,298	..	2,298	..	43	From the reserve.
Do. ..	44	Additions and alterations to the deputy tahsildar's office at Pálkonda and constructing a second-class police station in the compound.	4,920	G.O., No. 643 W., of 11th Mar. 1886.	..	4,920	..	4,920	..	4,920	44	Do.
Do. ..	45	Road from Potinghi to Korapet ..	2,72,700	G.O., No. 2365 W., of 10th Oct. 1885.	..	2,72,700	..	50,000	..	..	45	Rs. 30,000 already provided in the budget, item No. 62 ; further grants if necessary can be applied for later in the year.
Do. ..	46	Constructing two bridges on the new Potinghi ghât.	4,56,581	Do. do. ..	4,28,622	27,959	30,000	..	..	..	46	Rs. 30,000 do. do. Item No. 63.
Do. ..	47	Surveying road from Korapet to Central Provinces.	1,500	G.O., No. 327 W., of 6th Feb. 1886.	200	1,300	3,000	..	..	..	47	Rs. 1,300 already provided in the budget, item No. 64. The question of providing additional funds will be considered on receipt of further estimates.
Godávari, Eastern.	48	Sub-magistrate's office at Pithápuram.	8,983	G.O., No. 1928 W., of 20th Aug. 1885.	6,406	2,577	2,500	..	..	..	48	Rs. 2,500 already provided in the budget, item No. 16.
Do. ..	49	Sub-magistrate's office at Túni ..	9,436	Do. ..	4,825	4,611	3,000	..	..	..	49	Rs. 3,000 already provided in the budget, item No. 17.
Do. ..	50	Proposed water-supply and improvements to the existing drainage of the central jail at Rajahmundry.	33,030	G.O., No. 2794 W., of 23rd Nov. 1885.	24,221	8,809	5,800	..	..	..	50	Rs. 5,827 already provided in the budget, item No. 22.
Do. ..	51	Constructing a dispensary at Bhadráchalam.	4,246	G.O., No. 1804 W., of 3rd Aug. 1885.	210	4,036	3,130	..	..	..	51	Rs. 3,130 already provided in the budget, item No. 40.
Do. ..	52	Residence for the Executive Engineer at Dowlaishweram.	12,500	G.O., No. 788 W., of 31st Mar. 1885.	10,547	1,953	1,950	..	..	..	52	Rs. 2,000 already provided in the budget, item No. 43.
Do. ..	53	Additions to the Collector's office at Cocanada.	31,870	G.O., No. 2363 W., of 1st June 1878.	36,135	..	3,995	..	..	..	53	Revised estimate is said to have been submitted through the Collector. The question of funds will be considered on receipt of revised estimate.
Do. ..	54	New court-house at Rajahmundry.	41,244	G.O., No. 664 W., of 12th Mar. 1886.	39,052	2,192	2,192	..	2,192	..	54	From the reserve.
Do. ..	55	Residence for the Superintending Engineer at Dowlaishweram.	17,300	G.O., No. 1911 W., of 6th Aug. 1884.	18,574	..	1,500	..	..	..	55	Revised estimate promised. The question of funds will be considered on receipt of revised estimate.
Godávari, Western.	56	Constructing a first-class tahsildar's office at Tanuku.	21,420	G.O., No. 3563, of 20th Dec. 1875.	12,331	9,089	4,000	..	..	..	56	Rs. 4,000 already provided in the budget, item No. 1.
Do. ..	57	Do. do. at Bhimavaram ..	22,650	Do. ..	15,772	6,878	2,000	..	..	..	57	Rs. 6,368 already provided in the budget, item No. 2.
Bellary ..	58	Deputy Collector's office at Adóni.	7,415	G.O., No. 1159 W., of 8th May 1886.	6,410	1,005	1,100	..	1,100	..	58	From the reserve.
Do. ..	59	Combined office for the Superintending and Executive Engineers' office at Bellary.	18,494	G.O., No. 1129 W., of 6th May 1884.	19,099	..	1,000	..	1,000	..	59	Do. To complete the work.
Do. ..	60	Tahsildar's office at Adóni ..	31,680	G.O., No. 59, of 7th July 1875.	31,546	134	1,200	..	1,200	..	60	Do. Do. do.
Do. ..	61	Do. do. at Harpanahally.	26,715	G.O., No. 3529, of 15th Dec, 1874.	27,200	..	1,000	..	1,000	..	61	Do. Do. do.
Do. ..	62	Do. do. at Pulivendla ..	22,150	G.O., No. 2744 W., of 7th Nov. 1881.	22,603	..	3,000	..	..	..	62	The question of funds will be considered on receipt of revised estimate which is promised.
Kurnool ..	63	Sub-divisional officer's bungalow at Cumbum.	3,000	G.O., No. 1549 W., of 4th June 1883.	3,993	..	560	..	..	..	63	Revised estimate promised. The question of funds can be considered when the estimate is received.
Do. ..	64	Sub-magistrate's office at Owk ..	14,308	G.O., No. 2715 W., of 3rd Nov. 1884.	13,918	390	310	..	..	..	64	Appropriation not necessary under code paragragh 2293, part III.
Do. ..	65	Do. do. at Pyápali.	12,840	G.O., No. 2881 W., of 18th Nov. 1884.	12,261	579	200	..	..	..	65	Do. do. do.
Nílgiri ..	66	Protestant church at Wellington ..	38,161	G.O., No. 1977 W., of 12th Aug. 1884.	38,236	..	9,574	..	..	..	66	Sanction of the Government of India to the revised estimate should be awaited.
Do. ..	67	Purchase of and repairs to the properties at Ootacamund known as Blackwood and West Cottages.	9,663	G.O., No. 841 W., of 26th March 1886.	8,767	896	896	..	896	..	67	From the reserve.
Do. ..	68	Improvements to the Executive Engineer's office at Ootacamund.	2,520	G.O., No. 1509 W., of 15th June 1886.	..	2,520	..	2,520	..	2,520	68	Do.

B.—Statement of requirements on account of Provincial Incomplete Works for 1885-86 and of New Works sanctioned but not yet commenced—*cont.*

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amount applied for 1886-87.		Amount allotted.		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		PROVINCIAL.	RS.		RS.	RS.	RS.	RS.	RS.	RS.		
		Major Works—cont.										
Nilgiri ..	69	Improvements to the Bombay Castle property at Ootacamund.	19,945	G.O., No. 1615 W., of 13th July 1885.	3,496	16,449	4,000	..	4,000	..	69	From the reserve.
Do. ..	70	Extending organ loft, St. Stephen's church, Ootacamund.	2,787	G.O., No. 273 W., of 1st Feb. 1886.	..	2,787	..	2,787	..	..	70	No funds are available.
Do. ..	71	Exercise yard for European convicts at Ootacamund jail.	5,790	G.O., No. 144 W., of 11th March 1886.	..	5,790	..	5,790	..	5,790	71	From the reserve.
Do. ..	72	Improving and maintaining the main road from Ootacamund to Gúdalúr.	2,20,000	G.O., No. 1285 W., of 23rd May 1884.	2,02,722	17,278	5,000	..	5,000	..	72	Do.
Do. ..	73	Rest-house with out-houses on the Coonoor ghât road.	7,010	G.O., No. 1284 W., of 3rd June 1885.	1,380	5,630	120	..	120	..	73	From the reserve. In addition to Rs. 5,510 provided in the budget, item No. 65.
Do. ..	74	Constructing eight cart-stands on the road from Kullar to Ootacamund.	6,100	G.O., No. 58 W., of 7th Jan. 1886.	..	6,100	..	6,100	..	..	74	No funds are available.
Do. ..	75	Re-constructing the wooden platform bridge at Barliyar on the Coonoor ghât.	4,940	G.O., No. 1418 W., of 4th June 1886.	..	4,940	..	4,940	..	4,940	75	From the reserve.
Do. ..	76	Bazaar drainage scheme, Ootacamund.	2,07,247	G.O., No. 1497 W., of 16th June 1884.	2,02,101	5,146	5,146	..	5,146	..	76	From the reserve.
Do. ..	77	Water-supply, Lawrence Asylum, Ootacamund.	..	....	..	..	..	7,000	..	..	77	Estimate is awaited. The work should be classed as Military (*vide*, G.O., No. 2370 W., dated 25th September 1884).
Do. ..	78	Fencing Ootacamund lake with barbed wire fence.	7,200	....	..	..	..	7,200	..	..	78	Rs. 7,200 have already been provided, *vide* G.O., No. 1429 W., dated 7th June 1886.
West Coast ..	79	Re-constructing the roof of the Government church at Cochin.	..	....	1,667	..	16,333	..	..	..	79	Provision of funds will be considered when the estimate now under revision by the Superintending Engineer is submitted for sanction.
Coimbatore ..	80	Constructing a close prison at Coimbatore.	21,935	G.O., No. 3270 W., of 16th Nov. 1883.	10,183	11,752	11,752	..	11,752	..	80	From the reserve.
Do. ..	81	Constructing a new room for the huzur treasury at Salem.	2,870	G.O., No. 430 W., of 22nd Feb. 1886.	..	2,870	..	2,870	..	2,870	81	Do.
Coimbatore ..	82	Improvements to the central jail at Coimbatore.	5,745	G.O., No. 1071 W., of 28th April 1886.	..	5,745	..	5,745	..	5,745	82	From the reserve.
South Arcot ..	83	Constructing an embankment for the Gadilam river to protect the town of Tirupapuliyur from floods.	8,550	G.O., No. 361 W., of 10th Feb. 1886.	2,013	6,537	6,537	..	6,537	..	83	Do.
North Arcot ..	84	Improvements and alterations to sub-magistrate's office at Punganúr.	4,480	G.O., No. 1306 W., of 25th May 1886.	..	4,480	..	4,480	..	4,480	84	Do.
Chingleput ..	85	Constructing an upper story to the Agricultural College at Saidápet.	18,370	G.O., No. 795 W., of 31st March 1885.	..	18,370	..	18,391	..	18,391	85	Do.
Presidency ..	86	Constructing twelve solitary cells in the Madras Penitentiary.	5,750	G.O., No. 525 W., of 7th March 1885.	1,863	3,887	3,887	..	..	..	86	Rs. 3,750 already provided in the budget, item No. 26.
Tanjore ..	87	Constructing a district jail at Tanjore.	2,11,100	G.O., No. 3059 W., of 20th Nov. 1882.	1,98,588	12,512	8,000	..	8,000	..	87	From the reserve.
Madura ..	88	Restoration of Tirumal Naick's palace and adaptation for public offices.	3,31,425	G.O., No. 697 W., of 16th March 1886.	2,82,836	48,589	18,588	..	..	..	88	A sum of Rs. 30,000 has been provided in the budget, item No. 44. The question of additional funds will be considered later in the year.
Do. ..	89	Constructing a deputy tahsildar's office at Nellakotah.	11,828	G.O., No. 515 W., of 1st Feb. 1878	11,798	30	30	..	..	..	89	Appropriation not necessary under code paragraph 2293, part III.
Do. ..	90	Improvements to the district jail at Madura.	2,820	G.O., No. 3021 W., of 16th Dec. 1885.	..	2,820	..	2,820	..	..	90	No funds available.
Tinnevelly ..	91	Improving the district court-house at Kokarakulam.	17,875	G.O., No. 506 W., of 6th March 1885.	1,944	15,931	15,931	..	..	..	91	Attention is drawn to Chief Engineer's Memorandum No. 1071 C., dated 16th March 1886. Funds required for essential improvements should be applied for separately.
Do. ..	92	Constructing a compound wall to the subsidiary jail at Sankaranainárkoil.	4,312	G.O., No. 1418 W., of 17th June 1885.	3,415	897	897	..	897	..	92	From the reserve.
Architect ..	93	Additions and alterations to the Presidency College at Chepâk, Madras.	2,946	G.O., No. 2041 W., of 2nd Sept. 1885.	2,408	538	538	..	538	..	93	Do.
Do. ..	94	Constructing an ophthalmic hospital at Madras.	1,04,954	G.O., No. 3051 W., of 18th Dec. 1885.	1,00,502	4,452	358	..	..	..	94	Appropriation not necessary under code paragraph 2293, part III.
Do. ..	95	Improvements to family quarters attached to the Civil Engineering College at Chepâk.	3,872	G.O., No. 611 W., of 14th March 1885.	3,449	423	423	..	..	..	95	Do. do.
Do. ..	96	Constructing a latrine for the Senate House at Chepâk.	6,600	G.O., No. 463 W., of 23rd Feb. 1886.	550	6,050	2,750	..	2,750	..	96	From the reserve; moiety to be met by Government.
Do. ..	97	Alterations to the roof of the north and south ends of the Public Works offices at Chepâk.	5,035	G.O., No. 2975 W., of 11th Dec. 1885.	2,081	2,954	2,954	..	2,954	..	97	From the reserve.
Do. ..	98	Improvements to the south beach promenade.	1,04,618	G.O., No. 640 W., of 16th March 1885.	1,02,828	1,705	1,705	..	1,705	..	98	Do.
Do. ..	99	Planting the foreshores of the beach from Public Works offices to the Hindu burial ground.	4,768	G.O., No. 294 W., of 2nd Feb. 1886.	1,994	2,774	2,774	..	2,774	..	99	Do.
		Total ..	..		..	..	1,91,928	1,25,563	61,859	49,656		

B.—Statement of requirements on account of Provincial Incomplete Works for 1885-86 and of New Works sanctioned but not yet commenced—*cont.*

Division.	Item No.	Name of Work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amount Applied for 1886-87		Amount allotted		Item No.	Remarks.
							For incomplete works.	For new works	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		PROVINCIAL.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.			
		Registration.										
Vizagapatam ..	100	Converting into a sub-registrar's office the building known as canteen in the fort at Vizagapatam.	897	G.O., No. 805 W., of 31st March 1885.	..	897	..	897	..	..	100	No funds are available.
Do. ..	101	Constructing a sub-registrar's office at Párvatipur.	2,400	G.O., No. 687 W., of 15th March 1886.	..	2,400	..	2,400	..	..	101	Do. do.
Godávari, Eastern.	102	Constructing a registrar's office at Cocanada.	4,700	G.O., No. 352 W., of 1st Feb. 1883.	3,904	796	935	..	935	..	102	From the reserve.
Do. Central.	103	Constructing a sub-registrar's office at Razole.	2,750	G.O., No. 2989 W., of 22nd Oct. 1883.	425	2,325	2,325	..	..	..	103	Rs. 2,325 given in the budget, item No. 45.
Bellary ..	104	Constructing a sub-registrar's office at Adoni.	2,542	G.O., No. 2757 W., of 2nd Oct. 1883.	2,720	..	100	..	..	..	104	Appropriation not necessary under code paragraph 2293, part III.
Do. ..	105	Do. do. at Kampli ..	2,660	G.O., No. 21 W., of 8th January 1884.	2,322	338	338	..	..	..	105	Do. do.
Cuddapah ..	106	Do. do. at Proddutur ..	2,240	G.O., No. 1497 W., of 28th May 1883.	1,004	1,236	1,236	..	1,236	..	106	From the reserve.
West Coast ..	107	Do. do. at Kudavayur.	2,940	G.O., No. 525 W., of 26th Feb. 1886.	..	2,940	..	2,940	..	..	107	No funds are available.
Do. ..	108	Do. do. at Mannárghat.	2,450	G.O., No. 438 W., of 9th Feb. 1883.	70	2,380	2,380	..	2,380	..	108	From the reserve.
Do. ..	109	Providing additional accommodation for the sub-registrar's office at Vetalapudiengady.	1,350	G.O., No. 2926 W., of 26th Nov. 1884.	..	1,350	..	1,350	..	..	109	No funds are available.
Do. ..	110	Purchase of Local fund school at Taliparamba and converting it into a sub-registrar's office.	3,040	G.O., No. 1238 W., of 15th May 1886.	2,667	373	373	..	..	..	110	Appropriation not necessary under code paragraph 2293, Part III.
Tanjore ..	111	Converting a portion of the old tahsildar's office at Tiruvádi into a sub-registrar's office.	1,220	G.O., No. 993 W., of 16th April 1886.	800	420	420	..	..	..	111	Rs. 436 withdrawn from the grant of Rs. 856 provided in the budget, item No. 58.
Madura. ..	112	Constructing a sub-registrar's office at Tiruchuli.	2,125	G.O., No. 280 W., of 25th Jannary 1883.	2,182	..	16	..	..	..	112	Appropriation not necessary under code paragraph 2293, part III.
Tinnevelly ..	113	Do. do. at Rathapuram ..	2,330	G.O., No. 415 W., of 20th February 1886.	..	2,330	..	2,330	..	..	113	No funds are available.
		Total registration ..	..		..	..	8,123	9,917	4,551	..		
		Police.										
Rushikulya ..	114	Additions and alterations to the office of the Superintendent of Police at Chatrapur.	4,600	G.O., No. 1700 W. of 9th July 1884.	..	4,600	..	4,600	..	..	114	No funds are available.
Vizagapatam ..	115	Constructing a bungalow with outhouses for the Assistant Superintendent of Police at Jeypore.	15,350	G.O., No. 1475 W. of 11th June 1886.	14,496	854	854	..	854	..	115	From the reserve.
Do. ..	116	Constructing a police station house at Korapet.	3,895	G.O., No. 2273 W. of 30th Sept. 1885.	58	3,837	3,837	..	3,837	..	116	Do.
Do. ..	117	Constructing a second-class police station house at Kumaradu.	1,520	G.O., No. 2339 W. of 20th August 1883.	116	1,404	1,404	..	1,404	..	117	Do.
Godávari, Eastern.	118	Do. do. at Bhadráchalam ..	1,826	G.O., No. 2981 W. of 4th Dec. 1884.	989	837	837	..	837	..	118	Do.
Nilgiri ..	119	Converting the police inspector's house at Gúdalúr into eight police huts.	2,190	G.O., No. 510 W. of 6th March 8885.	1,350	840	840	..	840	..	119	Do.
West Coast ..	120	Constructing a police station house at Uppinángadi.	2,775	G.O., No. 18 W. of 7th January 1884.	..	2,775	..	2,775	..	..	120	No funds are available.
Do. ..	121	Constructing a third-class police station house at Iritti.	1,240	G.O., No. 2373 W. of 25th Sept. 1884.	..	1,240	..	1,240	..	..	121	Do.
Tanjore ..	122	Constructing an additional shed for the police station at Máyavaram.	1,130	G.O., No. 64 W. of 8th January 1885.	209	921	921	..	921	..	122	From the reserve.
Madura ..	123	Constructing a third-class police station at Iyalúr.	1,145	G.O., No. 535 W. of 2nd March 1886.	..	1,145	..	1,145	..	1,145	123	Do.
Do. ..	124	Constructing a police station and huts at Sáptúr.	4,850	G.O., No. 438 W. of 22nd Feb. 1886.	..	4,850	..	4,850	..	4,850	124	Do.
Ramnad ..	125	Converting the police hospital at Ramnad into a residence for the Assistant Superintendent of police.	3,950	G.O., No. 2701 W. of 3rd Nov. 1884.	1,101	2,849	899	..	899	..	125	From the reserve. In addition to Rs. 1,950 provided in the budget, item No. 33.
Tinnevelly ..	126	Constructing four police huts at Virudupati.	1,340	G.O., No. 2254 W. 28th Sept. 1885.	..	1,340	..	1,340	..	..	126	No. funds are available.
		Total ..	..		..	..	9,592	15,950	9,592	5,995	..	

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From the Superintending Engineer,	I Circle,	dated	3rd June	1886,	No.	490 G.D.
,, ,, ,,	II ,,	,,	21st May	,,		(one statement).
,, ,, ,,	III ,,	,,	8th ,,	,,		(five statements).
,, ,, ,,	III ,,	,,	17th ,,	,,		No. 507.
,, ,, ,,	IV ,,	,,	11th ,,	,,	,,	142 E.W.
,, ,, ,,	V ,,	,,	11th ,,	,,	,,	565.
,, ,, ,,	V ,,	,,	11th ,,	,,	,,	566.
,, ,, ,,	V ,,	,,	11th ,,	,,	,,	567.
,, ,, ,,	V ,,	,,	11th ,,	,,	,,	569.
,, ,, ,,	VI ,,	,,	12th ,,	,,	,,	570.
,, Consulting Architect to Government,		,,	12th ,,	,,	,,	227 M.D.
Proceedings of Government, Financial Dept.,		,,	7th June	,,	,,	196.
				,,	,,	494. Mis.

ORDER—dated 23rd June 1886, No. 1594 W., Public Works.

With the papers read above, the Superintending Engineers and the Consulting Architect submit statements exhibiting demands under Provincial Minor and Incomplete Works, Repairs and Tools and Plant.

2. The demands under Repairs and Tools and Plant, and the allotments sanctioned against them, are shown in statement A. The demands under Communications and Miscellaneous Public Improvements being in excess of the budget provision under those heads, a sum of Rs. 25,080 has been transferred from the budget provision under Civil Buildings, viz., Rs. 13,080, to the grant under Communications, and Rs. 12,000 to that under Miscellaneous Public Improvements. The provision under these heads will now stand as below :—

	Rs.
Civil Buildings	1,49,700
Communications	76,500
Miscellaneous Public Improvements	23,500
Total ...	2,49,700

and the demands under Tools and Plant have been so reduced as to bring the total sum within the budget provision, Rs. 50,670.

3. The budget provision under Repairs amounts to Rs. 2,91,055 and the difference between that sum and the allotment now made is Rs. 41,355, which has been resumed and added to the Provincial reserve.

		RS.
* G.O. No. 1234-A W., dated 14th May 1886	..	17,000
,, ,, 1429 W., ,, 7th June ,,	..	7,200
,, ,, 1565 W., ,, 21st ,, ,,	..	3,080
,, ,, 1531 W., ,, 17th ,, ,,	..	379
Total	..	27,659

4. The provision in the budget under reserve was Rs. 1,77,174, but subsequent appropriations* have reduced the sum to Rs. 1,49,515. The total sum now available for distribution for incomplete and minor original works will amount to Rs. 1,91,306, as detailed below :—

	RS.
Reserve balance	1,49,515
Transferred from repairs	41,355
Surrender from budget grant (*vide* remark against item No. 111) ...	436
Total ...	1,91,306

5. Under Original Works the demands amount to—

		RS.
Incomplete minor	5,317	
Do. major	1,91,928	
Do. registration	8,123	
Do. police	9,592	
Total incomplete works		2,14,960
New minor works	36,841	
Do. major do.	1,25,563	
Do. registration works	9,917	
Do. police works	15,956	
Total new works		1,88,271
Lump sum of minor works		38,160
Total demand		4,41,391

but the demands made by the Superintending Engineer, I Circle, include many works for which funds have already been provided in the budget. The total of such demands amounts to Rs. 1,04,705. Provision is also made in the budget for completing "the 12 solitary cells in the Madras penitentiary," for which the Superintending Engineer, V Circle, has included a demand of Rs. 3,887. And the demands of the Superintending Engineer, IV Circle, include provision for "fencing Ootacamund lake with barbed wired," for which funds have already been sanctioned (*vide* G.O., No. 1429 W., dated 7th June 1886). Deducting the amounts referred to above, the actual demands will amount to Rs. 3,25,599.

6. The allotments sanctioned under Original Works are shown below :—

		RS.
Incomplete minor	4,769	
Do. major	61,859	
Do. registration works	4,551	
Do. police works	9,592	
Total incomplete works		80,771
New minor works	19,865	
Do. major do.	49,656	
Do. registration works	...	
Do. police	5,995	
Total new works		75,516
Lump sum allotment for minor works as per statement A ...		32,365
Total allotment		1,88,652

7. The demands made for grants in addition to allotments already provided in the budget have not been complied with for want of funds at present. In such cases application for additional funds, if necessary, should be made later in the year.

8. In the case of new works grants have been provided for those works only the urgency of which has already been brought to the notice of the Government and for which provision of funds was promised to be considered in disposing of the demands on account of incomplete works.

9. Funds have been provided for the completion of all the incomplete works brought forward by Superintending Engineers, excepting in cases in which revised estimates are required.

10. The Superintending Engineer, IV Circle, applies for a sum of Rs. 11,752 for completing "the close cellular prison at Coimbatore." This work should have been included in the Superintending Engineer's budget estimates, and it is with inconvenience that provision has been made for this large demand from the small reserve intended for such of the incomplete works as were expected to be completed in 1885-86, but were not completed owing to unforeseen causes.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
,, Examiner, Public Works Accounts.
,, Financial Department.
,, Judicial ,,
,, Educational ,,
,, Public ,,
,, Ecclesiastical ,,
,, Revenue ,,

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated June, 23*rd*.

Recd. *Encl.*

G.O., 23rd June 1886, No. 1594 W.

JUNE.

Provincial Funds

Orders on statements of demands on — in 1886-87, for incomplete and minor works, repairs, and tools and plant, &c.

Appendix to G.O., No. 1595 W., dated 23rd June 1886.

A.—Statement showing amounts applied for and those granted under Imperial—Military and Civil Works.

	Amounts applied for.						Amounts Granted.					
	Minor Works.			Repairs.			Minor Works.			Repairs.		
	Military.	Civil Works.		Military.	Civil Works.		Military.	Civil Works.		Military.	Civil Works.	
		Postal.	Telegraph.		Postal.	Telegraph.		Postal.	Telegraph.		Postal.	Telegraph.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam ..	..	..	..	..	150	..	..	..	..	..	150	..
Rushikulya ..	500	..	..	1,000	350	..	..	..	..	1,000	350	..
Vizagapatam ..	700	100	..	2,000	500	500	..	..	..	2,000	500	500
Eastern Godávari ..	..	..	..	400	300	300	..	..	..	400	300	300
Central do. ..	..	..	..	..	..	..	..	..	..	..	..	..
Western do. ..	..	..	..	..	150	250	..	..	..	..	150	250
Eastern Kistna ..	..	..	..	..	..	300	..	..	..	..	..	300
Western do. ..	..	..	..	..	300	..	..	..	..	..	388	..
Gudivada	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	200	200	..	..	..	25,000	200	200
Sangam Project ..	..	..	..	25,000	200	..	..	..	..	..	..	..
Buckingham Canal ..	..	..	100	..	200	..	..	..	..	25,000	200	..
Bellary	1,000	..	..	..	..	..	..	..	..	..	..	..
Cuddapah	..	..	..	25,000	200	..	..	..	..	25,000	200	..
Kurnool	..	..	..	4,000	200	..	..	..	..	4,000	200	..
Nilgiri	..	..	..	37,000	1,000	..	..	..	..	37,000	1,000	..
Coimbatore ..	1,000	200	..	3,000	600	..	..	..	..	3,000	600	..
West Coast ..	3,500	500	..	200	500	42	..	..	..	200	500	42
North Arcot ..	..	..	..	30,000	350	..	..	..	..	30,000	350	..
South Arcot ..	5,000	..	..	1,75,000	200	..	..	..	..	1,75,000	200	..
Chingleput ..	7,000	..	..	600	..	..	..	..	..	600	..	..
Presidency ..	..	..	..	5,000	200	..	..	..	..	5,000	200	..
Tanjore	200	..	..	640	..	..	..	..	..	640	..	..
Trichinopoly ..	..	..	..	180	100	..	..	..	..	180	100	..
Negapatam ..	..	..	..	240	..	100	..	..	..	240	..	100
Madura	..	..	..	720	300	..	..	..	..	720	300	..
Ramnad	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly ..	..	..	..	..	..	..	..	..	..	..	..	..
Consulting Architect.	..	..	..	..	..	..	..	..	..	..	..	..
Officers Commanding Divisions and Districts ..	..	..	..	..	..	..	..	..	..	485	..	3,308
Director-General of Post Office ..	..	..	..	..	..	..	..	..	..	..	..	..
Director-General of Telegraphs ..	..	..	..	..	..	..	..	..	..	..	..	..
Reserve with the Government	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	18,900	800	100	3,09,980	5,838	1,692	..	7,065	698	3,10,465	5,060	5,000
							7,937	7,065	698	3,10,465	5,060	5,000
							7,937					

B.—Statement of requirements on account of Imperial Incomplete Works for 1885-86 and of New Works sanctioned but not yet commenced.

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amount applied for 1886-87		Amount allotted		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		IMPERIAL.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
		Civil Works.										
		Minor Works										
Kistna Western.	1	Post office at Duggirala ..	900	G.O., No. 1918 W. of 9th July 1883.	143	757	757	..	757	..	1	From minor works grant.
Nellore ..	2	Quarters for a postmaster at Gúdúr.	1,260	G.O., No. 665 W. of 12th March 1886.	28	1,232	1,232	..	1,232	..	2	Do. do.
Tanjore ..	3	Extending post office at Kumbakónam for the accommodation of telegraph office.	..	....	..	..	..	1,000	..	..	3	Estimate is awaited.
Madura ..	4	Constructing a sixth-class post office at Batlagundu.	1,340	G.O., No. 665 W. of 12th March 1886.	144	1,196	1,195	..	1,195	..	4	From minor works grant.
Ramnad ..	5	Additions to post office building, Ramnad.	780	Do. do. ..	..	780	..	780	..	..	5	Application for funds should be made to the Director-General.
		Total ..	..		..	..	3,184	1,780	3,184	..		
		Major Works.										
Godávari Eastern	1	Constructing quarters for telegraph signallers at Cocanada.	34,135	G.O., No. 2099 W. of 25th Aug. 1884.	32,311	1,824	1,824	..	1,824	..	1	From minor works grant.
Do. ..	2	Improvements to the telegraph office at Cocanada.	4,000	G.O., No. 1084 W. of 8th May 1885.	2,889	1,111	1,111	..	1,111	..	2	Do. do.
West Coast ..	3	Constructing a post office at Kalpathi.	2,910	G.O., No. 523 W. of 16th Feb. 1883.	..	2,910	..	2,910	..	..	3	No funds available.
Architect ..	4	Constructing a telegraph office at Madras.	3,19,969	G.O., No. 2789 W. of 21st Nov. 1885.	3,17,602	2,367	2,367	..	2,367	..	4	From minor works grant.
Do. ..	5	Constructing a post office at Madras.	3,72,125	Do. do. ..	3,63,248	8,877	8,877	..	..	..	5	Rs. 9,000 were provided in G.O., No. 931 W., dated 5th April 1886.
		Total ..	..		..	..	14,179	2,910	5,302	..		
		Military.										
		Minor Works.										
Rushikulya ..	1	School-room for a regiment of Madras Infantry at Berhampore.	1,390	G.O., No. 3536 W. of 10th Dec. 1883.	..	1,390	..	1,390	..	1,390	1	From minor works grant.
Vizagapatam ..	2	Additions to regimental hospital of the 16th Madras Native Infantry at Vizianagrum.	515	G.O., No. 179 W. of 21st Jan. 1884.	..	515	..	515	..	..	2	No funds available.
Do. ..	3	Improvements to the regimental hospital of the 16th Madras Native Infantry at Vizianagrum.	545	G.O., No. 1746 W. of 16th July 1884.	..	545	..	545	..	..	3	Do. do.
Do. ..	4	Constructing a magazine for the 16th Madras Native Infantry at Vizianagrum.	1,530	G.O., No. 278 W. of 5th Feb. 1885.	..	1,530	..	1,530	..	..	4	Do. do.
Bellary ..	5	Compound wall for the quarters of the Army Hospital corps at Bellary.	1,346	G.O., No. 790 W. of 31st Mar. 1885.	..	1,346	..	1,346	..	..	5	Do. do.
Do. ..	6	Compound wall with 2 gates to enclose the female hospital attached to the station hospital at Bellary.	1,300	G.O., No. 3662 W. of 20th Dec. 1883.	..	1,300	..	1,300	..	..	6	Do. do.
Do. ..	7	Compound wall for the medical subordinates' quarters at the station hospital at Bellary.	535	G.O., No. 611 W. of 6th March 1884.	..	535	..	535	..	..	7	Do. do.
Do. ..	8	Enlarging a well in the cantonment at Bellary.	854	G.O., No. 2949 W. of 9th Dec. 1885.	..	854	..	854	..	..	8	Do. do.
Do. ..	9	Dismantling and re-roofing with Mangalore tiles the coffee shop of the Royal Artillery at Bellary.	1,063	G.O., No. 167 W. of 20th Jan. 1886.	..	1,063	..	1,063	..	1,063	9	From minor works grant.
Nilgiri ..	10	Laying a pipe from the drinking-water cistern to the station hospital at Wellington.	2,226	G.O., No. 893 W. of 2nd April 1886.	..	2,226	..	2,226	..	..	10	No funds available.
Do. ..	11	Improving and altering the hospital nursery dormitories of male and female branches, Lawrence Asylum, Ootacamund.	1,700	G.O., No. 2370 W. of 25th Sept. 1884.	134	1,566	1,566	..	1,566	..	11	From minor works grant.
Do. ..	12	Constructing five bath-rooms to Paymaster Serjeant's quarters at Wellington.	895	G.O., No. 2337 W. of 21st Aug. 1883.	330	565	565	..	565	..	12	Do. do. do.
West Coast ..	13	Fixing iron dampers to the ovens of the Government bakery at Cannanore.	..	....	92	658	658	..	658	..	13	Do. do. do.
Do. ..	14	Converting the beer godown at Malapuram into a gymnasium shed.	790	G.O., No. 348 W. of 13th Feb. 1885.	..	790	..	790	..	..	14	No funds available.
Do. ..	15	Constructing a platform and pump for a well at the Malapuram barracks.	1,110	G.O., No. 1034 W. of 2nd May 1885.	..	1,110	..	1,110	..	..	15	Do. do.
Do. ..	16	Forming a soldiers' garden at Malapuram.	220	Superintending Engineer's Register No. 9 of 1885-86	..	220	..	220	..	..	16	Do. do.
Do. ..	17	Converting into a cook-room the godowns attached to the married quarters at the West Hill barracks, Calicut.	40	Do. No. 29 of 1885-86.	..	40	..	40	..	..	17	Do. do.
Do. ..	18	Deepening a well in the cholera camping ground at Malapuram.	410	G.O., No. 1403 W. of 16th June 1885.	..	410	..	410	..	..	18	Do. do.
Do. ..	19	Constructing a slaughter-house and hanging shed at the West Hill barracks, Calicut.	1,954	G. O., No. 2548 W. of 2nd Nov. 1885.	..	1,954	..	1,954	..	..	19	Do. do.
Do. ..	20	Converting into a bakery the cook-room at the West Hill barracks, Calicut.	1,010	G.O., No. 2740 W. of 16th Nov. 1885.	..	1,010	..	1,010	..	..	20	Do. do.
Do. ..	21	Improving the well below the married quarters at the West Hill barracks, Calicut.	150	Superintending Engineer's Register No. 60 of 1885-86.	..	150	..	150	..	..	21	Do. do.

B.—Statement of requirements on account of Imperial Incomplete Works for 1885-86, &c.—*cont.*

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amount applied for 1886-87		Amount Allotted		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		Minor Works—cont.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
West Coast ..	22	Building an urinary for the station hospital at Cannanore.	68	Superintending Engineer's Register No. 25 of 1883-84.	..	68	..	68	..	..	22	No funds available.
Do. ..	23	Sinking a well in the compound of the station hospital at Cannanore.	700	G.O., No. 1778 W. of 21st July 1884.	..	700	..	700	..	..	23	Do. do.
Do. ..	24	Building an urinary for the plunge bath of the Royal Artillery barracks at Cannanore.	30	Superintending Engineer's Register No. 24 of 1883-84.	..	30	..	30	..	..	24	Do. do.
Do. ..	25	Alterations to the floor of the ovens of the Government bakery at Cannanore.	440	Superintending Engineer's Register No. 22 of 1884-85.	..	440	..	440	..	..	25	Do. do.
Do. ..	26	Constructing laterite drains to the Government bakery at Cannanore.	200	Superintending Engineer's Register No. 33 of 1884-85.	..	200	..	200	..	..	26	Do. do.
Do. ..	27	Providing a compound wall and wooden ceiling for the European Infantry cells at Cannanore ..	756	G.O., No. 345 W. of 8th February 1886.	..	756	..	756	..	..	27	Do. do.
Do. ..	28	Constructing a permanent verandah for the Quartermaster stores Native Infantry Regiment at Mangalore.	630	G.O., No. 1648 W. of 1st July 1884.	..	630	..	630	..	..	28	Do. do.
Do. ..	29	Substituting asphalte for chunam in the flooring of the wards and surgery of the hospital attached to the Native Infantry Regiment at Mangalore.	695	G.O., No. 1647 W. of 1st July 1884.	..	695	..	695	..	..	29	Do. do.
Do. ..	30	Flooring with tar composite the Native Infantry place-of-arms at Mangalore.	653	G.O., No. 285 W. of 6th February 1885.	..	653	..	653	..	..	30	Do. do.
Do. ..	31	Deepening well on cholera hill at Malapuram.	..	....	..	..	..	605	..	..	31	Do. do. Estimate is awaited.
Do. ..	32	Do. do. ..	..	....	..	..	..	610	..	..	32	Do. do. do.
Do. ..	33	Constructing a compound wall and supplying furniture to the church at Malapuram.	..	....	..	..	..	1,370	..	..	33	Do. do. do.
Do. ..	34	Converting the five family quarters of No. 2 block at the West Hill barracks, Calicut, into a Commissariat Staff Serjeant's quarters and store rooms.	650	G.O., No. 841 W. of 6th April 1885.	..	650	..	650	..	..	34	No funds available.
Coimbatore ..	35	Improvements to the rest house at Pŏdanŭr.	1,190	G.O., No. 1457 W. of 9th June 1886.	73	1,117	777	..	777	..	35	From minor works grant.
Do. ..	36	Constructing two cisterns to hold water for fire engines at the Remount Depôt, Matagiri.	1,330	G.O., No. 961 W. of 23rd April 1885.	200	1,130	1,130	..	1,130	..	36	Do. do.
North Arcot ..	37	Supplying materials for the sanitary improvements to the courtyards of sepoy lines at Vellore.	2,110	G.O., No. 146 W. of 18th January 1886.	503	1,607	1,607	..	1,607	..	37	Do. do.
		Total ..	..		..	..	6,303	24,395	6,303	2,453		
		Major Works.										
Vizagapatam ..	1	Constructing a store shed for the 16th Regiment, Madras Native Infantry, at Vizianagrum.	3,480	G.O., No. 2628 W. of 27th Oct. 1884.	..	3,480	..	3,480	..	..	1	No funds available.
Nĭlgiri ..	2	Bakery at Wellington	32,000	G.O., No. 1838 W. of 29th July 1884.	24,074	7,926	6,100	..	6,100	..	2	From minor works grant.
Do. ..	3	Alterations to the school hospital attached to the Lawrence Asylum, Ootacamund.	31,538	G.O., No. 3281 W. of 12th Dec. 1882.	..	31,538	..	31,538	..	..	3	No funds available.
Do. ..	4	Adding two lying-in wards to the station hospital at Wellington.	3,036	G.O., No. 1573 W. of 6th July 1885.	..	3,036	..	3,036	..	..	4	The amount applied for has been provided in the Military budget for 1886-87, item No. 2, class B works.
West Coast ..	5	Improving and fixing lightning conductors to the Madras Infantry magazine at Quilon.	3,880	G.O., No. 552 W. of 3rd March 1886.	..	3,880	..	3,880	..	3,880	5	From minor works grant.
Do. ..	6	Providing shelves and racks for the storage of ammunition in the double magazine and treasure room in the Cannanore Fort.	3,590	G.O., No. 2368 W. of 24th Sept. 1884, and No. 1263 W. of 19th May 1886.	2,419	1,171	1,170	..	1,170	..	6	Do. do.
Presidency ..	7	Alterations to the Coast batteries at Madras.	14,265	G.O., No. 2126 W. of 11th Sept. 1885.	6,219	8,046	2,021	..	2,021	..	7	From minor works grant, in addition to Rs. 6,025 provided in the budget.
		Total ..	..		..	..	9,291	41,934	9,291	3,880		

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From the Superintending Engineer,	I Circle,	dated	3rd June 1886,	No. 490 G.D.	
,,	,,	,,	II	,,	,,	19th May	,,	(one statement)
,,	,,	,,	III	,,	,,	8th ,,	,,	(three statements).
,,	,,	,,	IV	,,	,,	11th ,,	,,	No. 142 E.W.
,,	,,	,,	V	,,	,,	11th ,,	,,	,, 571.
,,	,,	,,	V	,,	,,	11th ,,	,,	,, 572.
,,	,,	,,	V	,,	,,	11th ,,	,,	,, 573.
,,	,,	,,	V	,,	,,	11th ,,	,,	,, 574.
,,	,,	,,	V	,,	,,	7th June	,,	,, 952.
,,	,,	,,	V	,,	,,	7th ,,	,,	,, 964.
,,	,,	,,	VI	,,	,,	12th May	,,	,, 227 M.D.
,,	Consulting Architect to Government	,,	12th ,,	,,	,,	196.

Order—dated 23rd June 1886, No. 1595 W., Public Works.

With the papers read above, the Superintending Engineers and the Consulting Architect submit statements of the estimated requirements, under Imperial "Military" and "Civil" Works, in lump sums, against each division, for minor works, and repairs, and, in detail, for incomplete works of 1885-86, and for new works proposed to be undertaken in the current official year.

2. Under Imperial "Military," the demands against Original Works amount to—

	Rs.
For minor works, lump sums	18,900
,, incomplete minor works	6,303
,, ,, major ,, ...	9,291
,, new minor works	24,395
,, ,, major ,, ...	41,934
	1,00,823

and the budget grant for minor works amounts to only Rs. 27,000. The Superintending Engineer, V Circle, having surrendered a sum of Rs. 2,864 from the current year's grant for armament in Fort St. George, it will be resumed, in anticipation of sanction by the Government of India, and added to the grant for minor works, which will then be Rs. 29,864. Of that amount, Rs. 15,594 for incomplete works, and Rs. 6,333 for three new works* considered emergent, have been allotted; and the balance, Rs. 7,937, has been placed, in lump sums, at the disposal of Officers Commanding Divisions and Districts, to whom Superintending Engineers will apply for funds required to meet outlay on such works as are indispensably necessary to be carried out during the year.

* *Vide* G.Os., No. 1320 W., dated 26th May 1886, No. 1355 W., dated 25th May 1886, and No. 1148 W., dated 7th May 1886.

3. The demands under Repairs amount to Rs. 3,09,980, against the budget grant of Rs. 3,10,465. The necessary allotment has been made, as will be found in statement A.

The allotment to the Presidency division includes provision for re-roofing the mess-house in Fort St. George, and for the Commissariat granary buildings on the beach at Madras.

4. A sum of Rs. 844 was applied for by the Superintending Engineer, V Circle, for improving the roof of family quarters, Poonamallee; but as the sanction to the work was ordered to be cancelled (*vide* G.O., No. 585 W., dated 12th March 1885) no appropriation is necessary.

5. Under Imperial "Civil" Works, the demands against Original Works, Postal, amount to—

	RS.
For minor works, lump sum	800
„ incomplete minor works	3,184
„ „ major „	8,877
„ new minor works	780
„ „ major „	2,910
Total ...	16,551

of which, only Rs. 3,184 have been allotted for incomplete minor works. The balance of the budget grant for minor works, after the above allotment, is Rs. 6,816, to which must be added a sum of Rs. 249 transferred from the grant for a new post office at Anantapur. The total, Rs. 7,065, is placed at the disposal of the Director-General of Post Offices, who will allot the requisite funds for works to be undertaken during the year.

6. The demands against Original Works, Telegraph, amount to—

	RS.
For minor works, lump sum	100
„ incomplete major works	5,302
„ new minor works	1,000
Total ...	6,402

7. Funds have been allotted for all the incomplete works to the extent of Rs. 5,302; and the balance, Rs. 698, of the budget provision for minor works, has been placed at the disposal of the Director-General of Telegraphs, as shown in statement A.

8. The allotment under Repairs (Postal and Telegraph) will be found in statement A. The demands of Superintending Engineers under Postal amount to Rs. 5,838, but have been reduced to Rs. 5,000 to bring the sum within the provision in the budget.

9. Ordered that copies of these proceedings be forwarded to the Government of India in the Military and Public Works departments.

(Here enter No. 1596 W., dated 23rd June 1886.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers,
To the Consulting Architect to Government.
„ Examiner, Public Works Accounts.
„ Director-General of Post Offices.
„ Director-General of Telegraphs.
„ Military Department.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated June, 23rd.

Read. *Encl.*

G.O., 23rd June 1886, No. 1595 W.

JUNE.

Imperial Military and Civil Works

Orders on statements of estimated requirements in 1886-87 under — for incomplete and minor works and repairs.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

Letter from the Superintending Engineer, IV Circle, dated 4th August 1883, No. 322.
" " " " " " 7th May 1884, No. 217 E.W.
" " " " " " 10th " " " 246 C.-E.W.

From E. BARCLAY, Esq., Government Solicitor, to the Executive Engineer, Nílgiri Division, dated Madras, 5th May 1884, No. 250.

In reply to your letter of 1st instant, I beg to inform you that no suit has yet been filed against Mr. Brown, and I hope that no suit will be necessary. The matter is a complicated one, and I am in communication with Mr. Brown's legal adviser on the subject, and I hope eventually to be able to make out in Mr. Brown such a title to the property bought from him by Government as I can advise Government to accept.

Endorsement on the above.

No. 227 E.W.

Forwarded to the Chief Engineer, Public Works Department, for information, with reference to this office letter, No. 217, of 7th instant.

Ootacamund,
5th May 1884.

(Signed) J. BEATTY, Colonel, R.E.,
Suptg. Engineer, IV Circle.

From E. BARCLAY, Esq., Government Solicitor, to the Secretary to Government, Public Works Department, dated Madras, 14th October 1884, No. 541.

I beg to acknowledge receipt of your memorandum, dated 10th instant, No. 747 E.

2. After very considerable difficulty I prepared, in consultation with the Advocate-General, such a conveyance of the property at Vayitri sold by Mr. Brown to Government as we could advise Government to accept. A fair draft of this conveyance which, from the state of the title, is somewhat long, was sent by me on the 15th August last to Mr. Rosario, Mr. Brown's legal adviser at Tellicherry, for approval; and, at the same time, I requested Mr. Rosario to send me for perusal a reconveyance of the Pookote estate (part of which is the land sold to Government) from a Dr. Henderson, to whom I had learnt that the estate had been mortgaged to Mr. Brown. On the 1st September I received from Mr. Rosario a reconveyance not from Dr. Henderson, but from his executors, Dr. Henderson having died, and on the 2nd idem I wrote to Mr. Rosario inquiring whether Dr. Henderson's will was proved by either of the executors (Mr. Ferguson and Mr. Mitchell), and, if so, in what court, as no mention was made in the reconveyance of any probate, and requesting, if the will was proved, that I might be allowed to see the probate. To this letter I have as yet received no

reply, but I am writing again to Mr. Rosario, and if the question about probate of Dr. Henderson's will is satisfactorily answered, I have every hope that this long-pending matter will shortly be settled.

From the same officer, dated Madras, 24th April 1885, No. 146.

I beg to acknowledge receipt of your memorandum, dated 18th instant, No. 12 E.

2. Since my letter, dated 14th October last, No. 541, I have been endeavouring to have the conveyance of the property at Vayitri, sold by Mr. Brown to Government, completed; but, I regret to say, so far without success.

3. On the 14th October last I wrote to Mr. Brown's legal adviser at Tellicherry, calling his attention to the matter, and informing him that I could not allow it to remain in abeyance any longer. On the 23rd idem I wrote to Messrs. Oakes and Company, informing them of the purchase by Government of this property, which was included in a mortgage to them by Mr. Brown, that I had prepared a conveyance of the property and had sent it to Mr. Brown's legal adviser for approval, but could get no reply from him.

4. On the 10th November last, Messrs. Oakes and Company wrote requesting me to take notice that the purchase-money of any property mortgaged to them, which might have been sold by Mr. Brown to Government, was to be paid to them direct, and that as Mr. Brown could not dispose of any portion without their joining in the conveyance, they presumed I would inform them when the deeds had to be executed and the money paid. In reply, I had to inform Messrs. Oakes and Company that Government had already paid the purchase-money to Mr. Brown.

5. On the 13th November I received back the draft conveyance from Mr. Brown's legal adviser, approved by him, subject to the omission of a recital therein that Messrs. Oakes and Company's mortgage had been paid off. This recital had been inserted as I was under the impression that the mortgage had been paid off.

6. On the 14th November I forwarded the draft conveyance to Messrs. Oakes and Company for approval, with an inquiry whether it would be executed when engrossed. In reply, Messrs. Oakes and Company informed me the next day that the deed would be executed on payment of the purchase-money to them as mortgagees. On the 17th November I wrote to Messrs. Oakes and Company that Mr. Dawson in his own right and as executor of Mr. James Oakes and the Administrator-General as executor of Mr. W. T. S. Oakes were the necessary parties to the deed, and that as Government had already paid the purchase-money to Mr. Brown, I trusted that Mr. Dawson would not insist upon the position he had taken up. On the same day I also wrote to Mr. Brown's legal adviser, informing him that I had altered the deed as requested by him and of the correspondence which had passed between myself and Messrs. Oakes and Company, and inquiring whether Mr. Brown was prepared to pay Messrs. Oakes and Company the purchase-money he received from Government, so that the matter might be completed.

7. On the 18th November I received a letter from Messrs. Oakes and Company, informing me that the interest in the property of Mr. W. T. S. Oakes and Mr. James Oakes had, under their partnership arrangements, become vested in the present firm, and that the executors of Mr. W. T. S. Oakes and Mr. James Oakes were not entitled to receive any portion of the debt due by Mr. Brown, but would, at the firm's request, sign any deeds necessary for the realisation of the property, and that it was out of the question to expect that the firm could permit the alienation of any portion of the security mortgaged unless the value was paid to them direct.

8. Having received no reply to my letter of 17th November to Mr. Brown's legal adviser, I wrote to him again on the 16th January last calling attention to the matter, but I have received no reply from him.

9. I have seen Mr. Dawson about this matter on several occasions since the beginning of the year. He informed me that Mr. Brown had been very ill, and I requested Mr. Dawson, who is a personal friend of Mr. Brown, to see whether some

arrangement could not be made regarding the payment of the purchase-money by Mr. Brown to Messrs. Oakes and Company. I have reason to believe that Mr. Dawson did attempt to make such an arrangement as my firm has recently heard twice from Mr. Brown regarding moneys coming to a person indebted to him, but my firm was not in a position to furnish the information asked for. I understand from Mr. Dawson that Mr. Brown is in poor circumstances.

10. My difficulties in taking proceedings to compel the completion of the conveyance are—(1) that such proceedings will have to be taken up-country, and (2) that Messrs. Oakes and Company, Mr. Dawson as executor of Mr. James Oakes, and the Administrator-General as executor of Mr. W. T. S. Oakes will all have to be joined in such proceedings. If, however, Government are prepared to give up possession of the property, Mr. Brown might be sued for a refund of the purchase-money, though he will probably be entitled to deduct therefrom a reasonable amount as rent during the occupation of the premises by Government, unless Government can show that they have sustained damages to an equal or greater amount than such rent.

No. 39 E.

Referred to the Superintending Engineer, IV Circle, for early remarks on the suggestion (paragraph 10) of the Government Solicitor to sue Mr. Brown for the purchase-money, possession of the property being given up.

OOTACAMUND, 28th April 1885. (Signed) J. SHAW-STEWART, Colonel, R.E., Secretary to Govt., P.W.D.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 18th May 1885, No. 204 E.W.

As directed in G.O., No. 39 E., of 28th ultimo (herewith returned), I have the honor to report that I see no objection to the course proposed by the Government Solicitor, and to request permission to hand the building back to Mr. Brown.

2. The building is now in temporary charge of the Deputy Collector, who provides a caretaker, and it may be at once handed over to Mr. Brown.

From the same Officer, dated Ootacamund, 12th June 1885, No. 235 E.W.'

In reply to your memorandum, No. 216 E., of 11th June 1885, I have the honor to inform you that the house purchased from Mr. Brown for a Telegraph office was only occupied by that department for a few months, and on the amalgamation of the Postal and Telegraph departments, the Telegraph office of Vayitri was transferred to the Post office, where it now is.

2. Hitherto the Deputy Collector has provided a watchman and made occasional use of the building on his visits to Vayitri; but as he is unwilling to pay the usual rent, I requested him to vacate * it, and would propose utilising it in future for the storage of tools. I understand there is a large number of famine tools in North Wynaad, which the Revenue Department desire to hand over.

* I have just learnt that it was vacated from 1st instant.

From the same officer, dated Coimbatore, 22nd June 1885, No. 252 E.W.

In reply to your memorandum, No. 246 E., of 18th instant, I have the honor to inform you that the house at Vayitri, purchased from Mr. Brown, if not applied to the storage of tools, may best be utilised as quarters for subordinates employed in the Wynaad roads sub-division.

From E. BARCLAY, Esq., Government Solicitor, to the Secretary to Government, Public Works Department, dated Madras, 7th July 1885, No. 234.

In reply to your memorandum of the 1st instant, No. 217 E., I beg to inform you that on receipt of your memorandum of the 11th June last of same number, I wrote to Messrs. Oakes and Company requesting them to let me know, if they had no objection, for the information of Government, the amount due to them on Mr. Brown's mortgage in their favor of the Pookote estate. Messrs. Oakes and Company have not yet replied to my letter.

2. In September 1873, Mr. Brown mortgaged to the then partners of the firm of Messrs. Oakes and Company his undivided half part or share in the Pookote estate to secure the balance of his account with the firm. This mortgage was stamped to cover Rs. 10,000; but I believe there is a much larger sum than that due to Messrs. Oakes and Company and secured by this and another mortgage. It is extremely unlikely, therefore, that Messrs. Oakes and Company would accept less than Rs. 10,000 to clear off the mortgage on the Pookote estate. But it must be borne in mind that it is only a comparatively small portion of the estate which Mr. Brown sold to Government, and it would therefore hardly do for Government to pay, not only the purchase-money paid to Mr. Brown, but also to pay off the mortgage, and only to secure a portion of the mortgaged property.

3. I have no reason to believe that there are other incumbrances on the property; but, to ascertain this positively, I shall have to employ some one in the Wynaad to search the registers there for incumbrances. I have thought it better not to go to this expense until I hear from Government that they are prepared to pay off such incumbrances as there may be, which, under the circumstances, I think is hardly likely.

4. I am writing again to Messrs. Oakes and Company for the information required, but unless Government are prepared to pay off Messrs. Oakes and Company's claim on the estate, I think the only course will be, if Government wish to retain the land they bought, to take it up under the Land Acquisition Act, and let Mr. Brown take such steps as he may think fit to recover the value fixed by the Collector. It would be as well, however, to refer the matter again to the Advocate-General before taking this step.

Letter from the Government Solicitor, dated 13th August 1885, No. 307.
" " " " " 28th " " " 336.

ORDER—dated 7th September 1885, No. 2093 W., Public Works.

In Proceedings, dated 3rd February 1883, No. 383 W., the Government sanctioned the purchase, for Rs. 4,500, of a house at Vayitri from a Mr. H. W. Brown.

2. After the purchase-money had been paid, and the building taken over, the Government Solicitor found that the title was in an unsatisfactory state; and, on the Advocate-General's opinion, printed with Proceedings, dated 11th October 1883, No. 2857 W., the Government authorised the institution of a suit against Mr. Brown to compel him to convey the property to Government with a good title.

3. Subsequently, however, the Government Solicitor endeavoured to obviate the necessity for legal proceedings by preparing, in communication with Mr. Brown's legal adviser, such a conveyance of the property as he could advise the Government to accept; but the difficulties in accomplishing this proved insuperable, and, as a last resource, the Government Solicitor, in his letter, No. 146, dated 24th April 1885, suggested that the property be handed back to Mr. Brown, and that a suit be filed to compel that gentleman to refund the purchase-money.

4. On further advice, the Government now resolve to direct the Superintending Engineer to take the necessary steps, in communication with the Collector, to put into

force the provisions of the Land Acquisition Act, and thus to secure to the Government an unquestionable title to the property. As, however, the adoption of this course will involve the payment of the compensation awarded under the Act to the persons found to be entitled thereto, the Superintending Engineer will further, in communication with the Government Solicitor, institute a suit against Mr. Brown, to compel him to refund the purchase-money, and the amount of the damages resulting to Government.

5. The house, on its formal acquisition, may be utilised as quarters for the subordinates employed on the Wynaad road improvements.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with manuscript copy of the Advocate-General's opinion,
" Examiner, Public Works Accounts.
" Government Solicitor.

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated September, 7th.

Recd. *Encl.*

G.O., 7th Sept. 1885, No. 2093 W.

SEPTEMBER.

Mr. Brown's Property at Vayitri

Orders issued for acquiring — under the provisions of the Land Acquisition Act and for instituting a suit against Mr. Brown for refund of the purchase-money.

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated July, 2nd.

Recd. *Encl.*

G.O., 2nd July 1886, No. 1679 W.

JULY.

English Stores

Issuing certain instructions as regards the local purchase of — .

SECRETARIAT MADRAS PUBLIC WORKS SECTION

3. To enable the Examiner, Public Works Accounts, to prepare the annual statements required by the Government of India, it is necessary, whenever English stores are purchased locally, that the probable estimated loss or gain caused by the transaction should be stated. The Government of India Circular No. 17 of 1885, recorded in proceedings of Government, No. 2770 W., dated 20th November 1885, rules that, "if the probable price of the articles, if obtained from the India Office, is not known locally, a clear specification of them, as well as weight, when necessary, and all needful information should be sent to the Director-General of Railways, with a request that he will assess the probable value." Superintending Engineers will adopt this course in future, and communicate the result to the Examiner. When articles are required emergently, and the English price is not known, the reference to the Director-General can be made after sanction has been given to the purchase; but in such cases it should be stated, in the remark column of the application, that the needful reference to the Director-General will be made.

4. All applications for the local purchase of articles of European manufacture, which do not comply with the orders now given, will be returned for revision.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation, for information.

Exd. E. Fernandez.
Spare Copies

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

Office note from the Examiner of Public Works Accounts, dated 18th June 1886, No. 220.

Order—dated 2nd July 1886, No. 1679 W., Public Works.

With reference to the proceedings marginally noted, sanctioning the purchase in the local market of European stores required in the Public Works Workshops and Nílgiri divisions, the Examiner, Public Works Accounts, points out that the information necessary to enable his office to compile the statement prescribed at page 23, appendix I to the Public Works Code, is not fully given in any case. The attention of Superintending Engineers is therefore drawn to proceedings, No. 2770 W., dated 20th November 1885, and No. 202 W., dated 25th January 1886. In the letter from the Government of India recorded in proceedings of Government, No. 202 W., dated 25th January 1886, attention is invited to paragraph 3 of Financial Resolution, No. 185,* dated 10th January 1883, under which alone English stores may be purchased in this country. The paragraph in question is as follows :—

No. 1236 W., dated 15th May 1886.
„ 1315 W., „ 26th „ „
„ 1387 W., „ 1st June „
„ 1479 W., „ 11th „ „

* *Vide* appendix I, Public Works Code.

"The special cases in which, with the previous sanction of the * * Local Government, * * stores of European manufacture may be obtained in India are—

"1*st*, when for any special reason it may be more economical to do so ;

"2*nd*, when stores indented for from England have not arrived, and inconvenience is anticipated from delay in the supply ;

"3*rd*, when the articles are perishable ;

"4*th*, the sanction of Government is not necessary in the case of petty purchases in the local market not exceeding Rs. 10 in value. The previous sanction of Government should only be obtained in cases in which the cost of the article required exceeds Rs. 10."

2. In submitting applications for sanction to the local purchase of English stores, Superintending Engineers will, in future, invariably adopt the form hereto annexed, in the remark column of which should be given the reasons which render the purchase necessary, and the clause under which sanction is sought. Particular attention is drawn to the fourth clause, under which the sanction of Government is not needed to the purchase of articles not exceeding Rs. 10 in value. The lists submitted for the sanction of Government would be greatly reduced if such petty articles were excluded. It is also noticed that the lists received from the Public Works workshops include sundry articles required for supply to Collectors or other departments of Government. There appears no reason why the workshops should undertake such purchases, and the practice should be discontinued.

PUBLIC WORKS SECRETARIAT MADRAS

STORES manufactured in Europe but purchased in India under paragraph 3 of Government of India Financial Resolution, No. 185, dated 10th January 1883.

Description or class of stores.	Number or quantity.	ACTUAL COST IN INDIA.			ESTIMATED COST IF OBTAINED THROUGH INDIA OFFICE.			Remarks.
		Average price or rate.	Incidental charges, carriage, &c.	Total cost.	Average price or rate.	Incidental charges, freight, exchange, &c.	Total cost.	

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Consulting Engineer for Railways, dated Madras, 23rd November 1885, No. 349.

From the Acting Agent and Manager, Madras Railway Company, to the Consulting Engineer for Railways, dated Madras, 21st November 1885, No. 801.

In continuation of my letter of the 10th of August last, No. 567, I have the honor to forward, herewith, a printed copy of a letter addressed to me by the Secretary to the Board of Directors of this company, No. 752, dated London, the 23rd of October 1885, in which the grounds are stated upon which the Directors are of opinion that the Railway Company should not be required to defray the cost of the protective works rendered necessary in consequence of the encroachment of the sea at Beypore.

I request the favor of your submitting this letter to His Excellency the Governor in Council and communicating to me in due course the decision arrived at for transmission to the Board of Directors.

Submitted for the consideration and orders of Government.

ORDER—dated 30th November 1885, No. 1147 R., Public Works.

His Excellency the Governor in Council is of opinion that the decision in this matter must be governed by the replies to the two questions—

(1) Would any money have been spent by Government had there been no railway?

(2) Has the total sum spent been increased in consequence of the Railway Company not commencing the work at an earlier date?

The first question must certainly be answered in the negative.

As regards the second question, no good grounds have been shown for supposing that the expenditure on protecting the foreshore would have been materially less had the work been commenced at an earlier date or carried out along a line more to seaward.

It has been stated that, owing to the erosion having reached a set of staff quarters, special measures, which might otherwise have been unnecessary, were adopted. In consideration of this fact, His Excellency would not be unwilling to permit the withdrawal of the claim now standing against the Railway Company for Rs. 5,159-2-11, the sum expended by the Public Works Department, on learning that the Railway Company are prepared to accept the debit of Rs. 12,991-6-3 for work done by them.

(True Extract.)

(Signed) C. J. SMITH, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
" Examiner, Guaranteed Railway Accounts.

Exd. A. Aubert.
Spare Copies

RAILWAY.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated November, 30th.

Recd. *Encl.*

G.O., 30th Nov. 1885, No. 1147 R.

NOVEMBER.

Protective Works at Beypore, Madras Railway

Orders on correspondence on the subject of the cost of — .

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from D. C. GORDON, Esq., Examiner, Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 30th March 1886, No. 146 W. :—

I have the honor to submit, for information and orders of Government, notes by Mr. Rainier, Deputy Examiner, of his inspection of the office of the Coimbatore division.

2. The Executive Engineer's attention is necessary to the remarks in paragraphs 4 to 7, and he should further consider whether work abstracts could not be advantageously compiled in the divisional office, especially since so little departmental labour is employed (*vide* paragraph 12).

3. The adjustment of the amounts referred to in paragraphs 14 and 15 should be effected as soon as practicable.

4. The Superintending Engineer's inquiry into the points mentioned in paragraph 20 is desirable.

5. In the monthly return of buildings, the Executive Engineer can easily enter a note in the column for remarks that rent has been paid into treasury to such and such a date and awaits adjustment.

6. The office is in fair order.

ENCLOSURE.

NOTES of Inspection by H. RAINIER, Esq., Deputy Examiner, Public Works Accounts, Madras, of the Office of the Executive Engineer, Coimbatore Division, on the 16th, 17th and 18th March 1886.

The Executive Engineer, Captain O. V. Boddy, R.E., and the accountant, V. Raghavendrachari, were present. The office was last inspected by an accounts officer on the 26th and 27th March 1885 (see papers with G.O., No. 904 W., of 15th April 1885).

2. There are four sub-divisions, each with a drawing account :—

No. 1 under Mr. J. Kelly, Supervisor.
„ 2 „ „ Subraychariar, Executive Engineer.
„ 3 „ „ H. E. Clerk, Assistant Engineer.
„ 4 „ „ C. H. D. Majoribanks, Assistant Engineer.

Under No. 2 sub-division there are two imprests, viz. :—

	Rs.
With Supervisor A. Murugesa Moodeliar	25
„ „ N. Nadamoony Moodeliar	25

Under No. 3 sub-division two imprests, viz. :—

	Rs.
With Overseer Raghava Aiyangar	20
„ „ V. Subharaya Pillai	50

Under No. 4 sub-division one imprest, viz. :—

	Rs.
With Sergeant R. T. Healy, overseer	25

There is also money in the hands of the Jail Superintendent for building the close prison, Coimbatore, the balance on 28th February 1886 being Rs. 322-8-2.

3. The sub-divisional cash accounts come up frequently and are generally well supported by vouchers. The accountant's audit of these accounts as they come up is so important that it is necessary he should give the date of his initial to every voucher audited. In fact, every initial in token of audit should invariably bear date.

4. In No. 2 sub-divisional cash book a cheque drawn in favor of sub-divisional officer is entered under "payments" on the 25th February 1886 as "cash from treasury" and the proceeds of this cheque, Rs. 40, are entered on the other side as having been received on the same date, February 25th, but the treasury pass book shows the above cheque to have been cashed on the 11th March 1886, or a fortnight later than the cash is stated to have been received by the sub-divisional officer; the sub-divisional officer's count of his cash at the close of February 1886 could not, as stated in his cash balance statement, have agreed with the cash book balance, unless the above cheque had been cashed; in the meanwhile the Executive Engineer promised to take this matter up with the sub-divisional officer. The treasury is at Erode, the head-quarters of the sub-division. There is another similar case in the same sub-division, that of cheque Rs. 90 cashed (cash from treasury) and proceeds received on the 18th January 1886, as per cash book, but not presented at treasury as per pass book till 27th January 1886. These should have been noticed in the office in checking cash books with pass books.

5. The same as regards cheque Rs. 50, entered on both sides of the cash book, No. 4 sub-division, on the 27th February, but not cashed as per pass book, except that the treasury in this case was at some distance, and that the uncashed cheque was acknowledged in the cash balance statement.

6. No cheque should be entered in the cash book as a payment until it has actually been paid away and the cash book is nothing if not exact (see Code, paragraphs 2088 and 2092), but there is a disposition to enter a cheque as paid immediately it is drawn, though the payment may not take place for some days, thus:—

(*a*) *Constructing additional room and bathroom to Deputy Tahsildar's house at Vercaud.*—Rs. 437 paid to contractor at Salem appears in the sub-divisional (No. 3) cash book as paid on the 31st March 1885, but the contractor's receipt shows payment to him on the 4th April 1885.

(*b*) *Repairing the press and treasury buildings attached to the Collector's office at Salem.*—Rs. 23 are stated in the cash book as paid on 31st March 1885, but the payment was actually made on the 4th April.

(*c*) *Constructing Sub-Registrar's office, Rajapur.*—Rs. 392-4-8, stated in cash book as paid on 31st March 1885, were received by the payee on the 10th April 1885.

7. There may not have been any of the undue haste to charge the current year's grant prohibited in Code, paragraph 1913, and in paragraph 5 of the directions at back of form M. 3, but the above items show the irregularity of the practice and the effect produced on the grant.

8. Miscellaneous receipts in form No. 217 should show the voucher number of both the luff and the fly, and every page of the book should be numbered.

9. The Executive Engineer's cash balance was counted and found to agree with the cash book balance. The cheque books were found in order. The balance of the Executive Engineer's drawing account on the 28th February was proved correct.

10. Work abstracts since December 1885 have been prepared in the sub-divisional offices. The result of this cannot be satisfactory. In almost every division in the presidency time and experience has taught the Executive Engineer to prefer to compile these documents in his own office, under his own eye *during* the month, instead of receiving them after the month is over, and so compiled that they then cause much correspondence and correction ere they can be accepted. Moreover, the intimacy of the Executive Engineer with the contents of these documents, which is essential to his signature of the monthly accounts certificate, form A, will be much more easily obtained by having them compiled at head-quarters and by the leisurely study of their contents which that will involve.

11. Daily reports of labour have been rendered late. The report should be sent from the work *immediately* after the period concerned.

Maintaining Mettupálaiyam and Kullar road.—The entire labour liability of the month (September 1885) was found lumped in one sum in part I of the work abstract, and the result of the analysis of this labour was that it did not agree with the ten-day reports, which gave—

September 1885—	Rs.	A.	P.
1st to 10th	47	6	0
11th to 20th	21	12	0
21st to 30th	45	4	0
Total ...	114	6	0

whereas the work abstract showed Rs. 78-12-0 only, the difference being due to errors in previous months.

12. It is the exception, rather than the rule, to do work in this division by departmental agency. There is a great deal of piecework agency and there are a few contractors. The work accounts were as usual examined for more than two months, and subject to the above and following remarks were found in order.

13. The account from the Jail Superintendent for outlay on the close prison, Coimbatore (paragraph 2), was last received in January 1886. It has been generally rendered quarterly. It is merely a statement up to date of total quantity and cost of work in columns, thus:—

1. Sub-head of estimate. | 3. Rate.
2. Quantity. | 4. Amount.

vouchers being attached in support of outlay since the last return, with a list of materials at site. The originals of the vouchers had gone to Examiner's office. The office copies were examined and, as far as possible, checked. It is understood that a revised estimate is under preparation to cover everything not contemplated in the original estimate. This outlay will have to be cleared from the miscellaneous advance account at the close of the financial year, all outlay up to the end of March being charged off to the work in the books of the Public Works Department.

14. Twelve rupees have been due to Veerappa Moodeliar, a contractor, since May 1884. It is stated that the man is entirely lost sight of and his discovery hopeless, and this item, together with another of Rs. 10-5-0 due to Koomerany Moodeliar for the same period, may be, with the sanction of Government, credited to Revenue.

15. Rs. 2,869-15-11 due to a contractor, Venkatasawmy Naidu, in March 1885, was attached by the District Munsif's Court, Coimbatore, and have been about a year in hand awaiting the orders of the court. Unless orders are soon forthcoming the amount should be paid into court, and the deposit account cleared. The Executive Engineer promised attention to this.

16. The only deposit in the Savings Bank is that of the storekeeper, Rs. 100-2-6 out of Rs. 200 his security: the balance is being deducted at Rs. 10 per month from his pay. The deposit is in the District savings bank at present and should be removed to the Post office savings bank. The pass book is in order.

17. The Tools and Plant accounts were examined. On checking the (M. 13) returns from sub-divisions, with the same form respecting the division, there was a difference of 140 mamooties said to be due to that number having been lent to contractors. But this should not occasion any difference. Mamooties still the property of Government should be on the returns of sub-division concerned, a remark being made that they are with contractor so and so.

18. *The travellers' bungalow at Pódanúr* is stated in form M. 95 to be valued at Rs. 20,195, but it is let to the Madras Railway at Rs. 25 per month, or at about 1½ per cent. of the value of the building (*vide* G.O., No. 104 W., dated 15th January 1881).

19. In form 41 Mr. B. is stated to be in arrears of rent from November 1885 till February 1886, Rs. 400, but we know that he is not at all in arrears from the treasury receipts for his rent from time to time received by the Executive Engineer showing regular and punctual payment to the treasury by this officer. Similarly Mr. G. is stated to owe Rs. 180 since November 1885, but he owes nothing, having regularly paid into the treasury as above. The same applies to Mr. G.M.W. said to owe Rs. 380 for four months' rent. This is because the return of rents recoverable, form M. 41, is not cleared until the advice of exchange account items from the Examiner is received, which advice of course has to await the exchange account from the Accountant-General, Madras, which account has to await the accounts from the treasury officer, who has received the rent.

If or whenever the treasury officer's receipt for any particular rent is communicated to the Executive Engineer concerned, the rent account in form M. 41 might be relieved, the treasury receipt being quoted. This would make the rent account accurate as regards arrears of rent.

20. There is an item of Rs. 17-5-4 due from Mr. Spencer, Sub-Collector, now on furlough, for rent. This officer was billed in due course, but he left the country ill, and the rent was left to stand over. Rs. 12-9-3 is due from Mr. Struggles, a railway employé, for occupation of the overseer's shed at Erode for 2½ months. Mr. Struggles has been pressed frequently for payment, but he is now out of employment, and the recovery of the amount is considered doubtful. Parties who are not known to the Executive Engineer should be required to pay rent in advance. Meanwhile if the above item is irrecoverable, the Superintending Engineer will be addressed.

21. Appropriation registers are in order, but corrections advised from Examiner's office should be straightway applied to the registers, and not merely to form M. 78.

22. Service books are in order.

23. There is a schedule of rates.

24. The accountant is well assisted and the office is in good order.

ORDER—dated 2nd April 1886, No. 895 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, for the information of the Executive Engineer, Coimbatore division.

2. The Executive Engineer's attention will be directed to the remarks in paragraphs 4 to 7 of the notes, and he will arrange, if practicable, to have work abstracts prepared in the divisional office in future.

3. The adjustment of the items referred to in paragraphs 14 and 15 will receive early attention, and the Superintending Engineer will inquire into the matters brought to notice in paragraph 20.

4. The Superintending Engineer will report, with reference to paragraph 18, whether the rent charged for the bungalow should now be raised, in accordance with recent orders on the subject of rents.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.

Exd. P. L. Periera.
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GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated April, 2nd.

Recd. *Encl.*

G.O., 2nd April 1886, No. 895 W.

APRIL.

Notes of Inspection

Orders on the — of the office of the Coimbatore division by the Deputy Examiner, Public Works Accounts.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ again—

G.O., dated 6th April 1886, No. 933 W., Public Works.

Read—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 22nd August 1885, No. 346 E.W.

I have the honor to forward, herewith, for your information, two letters from the Executive Engineer, Nílgiris, regarding excesses expected on the work of erecting a church at Wellington.

2. Under ordinary circumstances I should consider myself justified in sanctioning unavoidable excesses not exceeding in the aggregate 5 per cent. of an estimate, but in the face of paragraph 3 of G.O., No. 1977 W., of 12th August 1884, I think it best to bring to your notice the probability of an excess on the church.

ENCLOSURES.

From Major A. C. SMITH, R.E., Executive Engineer, Nílgiri division, to the Superintending Engineer, IV Circle, dated Ootacamund, 1st August 1885, No. 1258.

I have the honor to report, for your information, that I am constantly finding small errors and omissions in the Wellington church estimate which necessitate deviations and additions with consequent excesses over sanctioned sub-heads of estimate.

2. These though too trivial in themselves to be separately reported on as they occur, will necessitate a rather heavy excess over the total sanctioned amount. But at the same time unless I sanctioned them the work must be stopped.

3. I propose shortly sending in a revised estimate, which must, as above stated, considerably exceed the sanctioned one owing to the abovementioned omissions, &c.

4. I request permission to go on with the work pending the submission of the revised estimate, and meantime assure you that nothing but what is absolutely necessary is being done.

From the same officer, dated Ootacamund, 18th August 1885, No. 1397.

In continuation of my No. 1258, of the 1st August 1885, and with reference to your No. 485 N.I., of 4th instant, regarding the excess on the Wellington church, I have the honor to state that the total excess will be within 5 per cent. on the estimate; so I see no reason why the work should be stopped.

2. I have been given to understand that the Right Reverend the Lord Bishop wishes three extra windows to be placed in the chancel, so I have given orders to have arched recesses built there so that windows may be easily inserted in future.

3. Also, the Chief Engineer and the Lord Bishop both say that the chancel windows are placed too high; so I have given orders to place their sills 2 feet lower.

No. 535 E., Public Works.

The Superintending Engineer will submit, with the least possible delay, a revised estimate for the work, on receipt of which the orders of Government on the subject will be taken.

2. At the same time the Superintending Engineer will make such proposals as may be feasible to effect savings on items not yet commenced to compensate for the unavoidable excesses incurred on items already completed.

3. It should also be stated whether either of the proposed alterations mentioned by the Executive Engineer in paragraph 2 of his letter dated 18th August 1885 will increase the cost of the building.

28th August 1885. (Signed) J. SHAW-STEWART, Colonel, R.E., Chief Engineer, P.W.D.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Mangalore, 5th March 1886, No. 71 E.W.

I have the honor to submit, herewith, for sanction, a revised estimate, with one letter from the Executive Engineer, Nílgiris, and fourteen enclosures, of the cost of constructing the Protestant church at Wellington, amounting to Rs. 49,100, showing an excess of Rs. 10,939 over the original sanction of Rs. 38,161.

2. As the original order * enjoined "the exercise of the strictest economy in the execution of the work," the plans and estimate have been most closely adhered to; no work has been allowed, or provided for in the revised estimate, which was not absolutely necessary, and the Consulting Architect, from whose office the original estimate was submitted, has been referred to by the Executive Engineer in every case in which there was any doubt.

* G.O., No. 1977 W., of 12th August 1884.

3. The revised estimate is accompanied by a comparative statement and a report with appendices. These give full particulars of the excess, and show that it has been entirely due to omissions, errors in computation and measurements of the original estimate, and to the insufficiency of some of the rates provided.

4. It will be observed from appendix B attached to the report that the largest excess, Rs. 2,740, is on cutstone work, and this was owing to the omission in the estimate of 427 cubic feet, and to the low rate provided for this class of work. Another heavy item of excess, Rs. 2,377, was on iron and felt for roofing, obtained through the Secretary of State.

5. You are aware that the building has been carried out by contract, on the most favorable rates that could be obtained and which are believed to be very reasonable for that locality, while the work has been thoroughly well done and is very creditable to the contractors, Messrs. Groves and Company of Coonoor.

6. It is now found that the following works, for which no provision whatever was made in the sanctioned estimate, are very necessary:—

I. Fencing and gravelling the church compound.
II. Providing a lightning conductor.
III. Constructing a road of approach.
IV. Providing a bell.

But as the excess on the original estimate is so heavy, I have thought it best these should form the subject of a supplemental estimate, which may be dealt with separately.

7. In accordance with previous orders, nothing has been provided for flooring or interior plaster.

Enclosure.

From Major A. C. SMITH, R.E., Executive Engineer, Nílgiri division, to the Superintending Engineer, IV Circle, dated Ootacamund, 12th February 1886, No. 2819.

I have the honor to submit, herewith, the revised estimate for the Protestant church at Wellington.

2. The delay in doing so has occurred on account of the complex nature of the work; and of the many omissions, trifling though intricate, in the original measurements; and in the fact that many of these were taken out very roughly.

3. I regret that the total excess amounts to so large a sum. At one time I thought that the excess would probably not exceed Rs. 3,000, but as the work proceeded and details were more thoroughly gone into, discrepancies kept on cropping up between plan and estimate.

Nothing has been done on the work which was not strictly essential, and even now, under the orders of Government of India, nothing has been provided for flooring or interior plaster.

4. I have annexed a report to the estimate which explains concisely the larger excesses, and which it will be found expedient to read prior to wading through the long array of figures in the comparative statement. The appendices A and B and the remarks thereon embrace all the principal excess and fully explain the causes thereof.

5. In conclusion, I have to state that owing to the restriction on the expenditure having been ordered, I have confined the same strictly to essentials and nothing short of stopping the work in an incomplete state would have prevented the excesses now reported; and which I briefly noticed as being unavoidable in my letter, No. 1258, dated 1st August 1885. The work is now almost complete with the exception of covering the roof with felt and iron and finishing the tower.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Mangalore, 5th March 1886, No. 72 E.W.

As promised in paragraph 6 of my letter, No. 71 E.W., of 5th March 1886, I have the honor to submit, herewith, a supplemental estimate for the following additional works, in connection with the Protestant church at Wellington:—

		Rs.
I.	Fencing and gravelling the compound	1,141
II.	Providing a lightning conductor	300
III.	Constructing a road of approach	1,100
IV.	Providing a bell	330
	Contingencies and supervision	219
	Total ...	3,090

2. The lightning conductor and bell are indispensable, and urgently necessary; the latter because it must be fixed in the tower, now in course of construction, before the top is put upon it, and the former can of course be put up at less cost now than at any later period. I request permission therefore to provide the bell and lightning conductor at once.

Order—dated 6th April 1886, No. 933 W., Public Works.

With his letters above recorded, the Superintending Engineer, IV Circle, submits a revised estimate, amounting to Rs. 49,100, for constructing a Protestant church at Wellington; also a supplemental estimate, amounting to Rs. 3,090, for certain items for which no provision was made in the original estimate, but which are now considered very necessary.

2. With letter, No. 2611 W., dated 15th September 1883, an estimate for the work, amounting to Rs. 49,960, was submitted to the Government of India; but that Government, in their reply, recorded in proceedings, No. 3323 W., dated 22nd November 1883, while admitting the need of a church at the military depôt at Wellington, expressed their inability to sanction so large an expenditure of public funds for the construction of a church to contain 300 sittings. It was intimated that, unless private subscriptions to a considerable amount were forthcoming, the design should be revised so as to effect a material reduction of the cost.

3. A fresh design was then prepared by the Officiating Consulting Architect, the estimate for which amounted to Rs. 38,161. That estimate, although confessedly incomplete in so far that no provision was made for certain essential items, such as flooring, plastering, &c., was believed to be complete and sufficient with respect to all items actually provided for. In sanctioning that estimate, the Government of India, in their letter recorded in proceedings, dated 12th August 1884, No. 1977 W., expressed the opinion that the cost of the church was still very high, and asked that the strictest economy should be enjoined on the officer intrusted with the execution of the work. The Government of India, in the same letter, placed on record that, while the estimate did not provide for the satisfactory completion of the building, no further expenditure of public money would thereafter be sanctioned for completing it. Notwith-

standing those instructions, it is now reported that the church has cost Rs. 10,939 in excess of the estimate. The Superintending Engineer reports that the strictest economy has been observed in the execution of the work, and that the excesses have been unavoidable owing to omissions and errors in the estimate, and to insufficiency of rates.

4. His Excellency the Governor in Council cannot but regard the history of this church as most unsatisfactory. While willing to make due allowance for the difficulties to be met in constructing a building of this description on the Hills, the Government observe that insufficient attention seems to have been paid to paragraphs 1112 and 1114 of the Public Works Code.* The original estimate does not appear to have been framed with sufficient care; but it should have been carefully scrutinised, and the omissions and inadequacy of rates should have been discovered and reported before the work was begun. Or, if this were not possible, they should have been discovered at a very early stage in the progress of the work, which should at once have been stopped by the Superintending Engineer pending the orders of the Government. It was not until the 22nd August 1885, that the Superintending Engineer, in his letter No. 346, reported that large excesses were expected, and in Public Works Department memorandum, No. 535 E., dated 28th August 1885, he was directed to submit, *with the least possible delay*, a revised estimate. He was at the same time requested to submit such proposals as might be feasible to effect savings on items not commenced, and to report whether certain alterations made at the request of the Right Reverend the Bishop would increase the cost of the building. The revised estimate was submitted only on 5th March, or more than six months after the date of the memorandum, and no reply has been given to paragraphs 2 and 3 of the memorandum.

* *Vide* also paragraph 1585.

5. In these circumstances, His Excellency in Council, before submitting the revised estimate for the orders of the Government of India, is constrained to call upon the Superintending Engineer, IV Circle, to show cause why he should not be held personally responsible for the excess expenditure which has been incurred.

6. In the face of the remarks recorded by the Government of India, in their letter, No. 693 M.W., dated 4th July 1884, this Government are unable to recommend, for sanction, the supplemental estimate of Rs. 3,090. With respect to items not provided for in the original estimate, of Rs. 38,161, such as flooring, plastering, fences, &c., it is clear that the Government of India intend that the cost shall be met otherwise than from public funds.

7. The Superintending Engineer will reply to paragraph 5 of this order, and resubmit the revised estimate with the least possible delay.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

Read—also the following papers:—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 16th April 1886, No. 109C/E.W.

As directed in paragraph 5 of G.O., No. 933 W., of 6th April 1886, I beg respectfully to show cause why I should not be held personally responsible for any excess that may have been incurred on the Wellington church.

2. That building was one of a special kind—architecturally and otherwise different from those the department has ordinarily to construct; but the estimate having been prepared in the Consulting Architect's office, there was no reason at first sight to suppose that, as regards quantities, it was not fairly accurate; and it was not until work had been going on for some months that doubts arose of its sufficiency to meet the cost of the building.

3. The fact that excesses were occurring which could not be met by savings on other items was first brought to my notice by the Executive Engineer, Nilgiris, in his letter, No. 1258, of 1st August 1885. In my reply, No. 485, of 4th idem,* I stated that I could sanction no excesses on the Wellington church, and therefore considered that the only safe course was to stop further progress, pending the submission of a revised estimate, which should be expedited as much as possible.

* Copy herewith.

4. In his letter, No. 1397, of 18th August, the Executive Engineer distinctly stated that "the total excess would be within 5 per cent.;" he never subsequently reported that the excess would exceed 5 per cent., and he never obtained sanction to any excess. I was perfectly astounded when I received the revised estimate, and found that the excess would be about 28 per cent.

5. Your memorandum, No. 535 E., of 28th August 1885, reached Coimbatore on 2nd September 1885, five days after I had quitted the Circle on privilege leave. The officer who acted for me failed to submit the revised estimate, or to reply to paragraphs 2 and 3 of your memorandum; but, nevertheless, on my return from leave at end of November, that memorandum was most unfortunately lost sight of.† In fact, it was not until the receipt of the Government order I am now replying to, that my attention was drawn to it, and I then perused it for the first time.

† Probably because it was *not* marked urgent.

6. According to paragraph 2306 of the Public Works Code, the Executive Engineer is held primarily responsible for affording information in cases of excess. He is bound to report to the Superintending Engineer the fact of the cost of a work being likely to be exceeded, and to *ask for orders*.

7. Your memorandum was communicated to the Executive Engineer immediately on its receipt, and he therein got the *orders* he wanted. He should have seen from that memorandum that he was not at liberty to exceed the sanctioned estimate even to the extent of 5 per cent.; and that the submission of a revised estimate, so arranged as to fall within the amount of the original sanction, was most urgent.

8. The information for framing that revised estimate must have been in the hands of the Executive Engineer, as the work had been more than six months in hand; he had received orders showing the urgent necessity for submitting it; and he was not left without reminders from my office and myself. If any help had been needed for hastening the submission of so urgent an estimate, it would have been supplied him at once; but no such help was ever applied for.

9. I am strongly of opinion that it was the duty of the Executive Engineer on receipt of your memorandum, No. 535 E., of 28th August, to stop all work pending sanction of the revised estimate. In fact, I do not see how else it was possible to comply with your wishes, and at least attempt to prevent excess. It is very doubtful if much of the excess could have been prevented even then; but, by complete stoppage and careful revision, something might have been done.

10. When I returned from leave at end of November, although, as stated above, your memorandum most unfortunately escaped my notice,‡ I was most anxious to prevent the possibility of an excess on the church; and did not fail to remind the Executive Engineer to submit the revised estimate without further delay. It was not, however, received until the middle of February.

‡ Probably because it was not marked urgent.

11. If it be asked why I did not stop the work in December, it must first be remembered that the time to effect any saving was past. The whole building except the turret had been carried up to full height, nearly all the roofing woodwork was up, and all the materials prepared. Besides this, I had no reason to anticipate any considerable excess; the Executive Engineer had asked for no orders, and had made no further report. Moreover, I had not seen your memorandum.

12. I find that the outlay on the church to end of March came up to the amount of the sanctioned estimate; and that liabilities have been incurred in excess of the original sanction. This was utterly beyond my power to prevent; it was done without my knowledge or sanction, and is in contravention of the well known code rule that no expenditure is to be incurred on any public building without adequate sanction. I relied on the Executive Engineer, as an officer of long service and great experience, taking precautions that at least the work should be brought to a standstill within the existing grant. The idea of his incurring liabilities without any sanction, I was utterly unprepared for.

13. I trust I have shown clearly that short of actually stopping the work, I did all in my power to prevent the very unsatisfactory state of things which has occurred, and which I greatly regret. That stoppage I advised when writing to the Executive Engineer on 4th August, and would certainly have ordered on my return from leave if the Executive Engineer had reported the probability of a considerable excess, or if your memorandum had come to my notice.

14. My defence, then, is simply this. The Executive Engineer was an officer of long service and great experience, well acquainted with the rules of the code, while he had before him the special instructions conveyed in G.O., No. 1977 W., of 12th August 1884, my No. 485, of 4th August 1885, and your memorandum, No. 535 E., of 28th August 1885.

The orders forbade him to incur any excess over the sanctioned estimate, while the code forbade him to incur liabilities without due sanction.

I had no reason to expect that he would ignore rules and orders, and while pushing on the work, delay the submission of the revised estimate, so that it came too late to be of any use in stopping excess.

I do not doubt, however, that the Executive Engineer has what he considers a satisfactory explanation of all this; and I hope he may be able to satisfy you that he was justified in acting as he did.

15. I sincerely regret that the false position in which I am placed compels me thus, in self-defence, to report the apparent shortcomings of an excellent officer; but I see no alternative when I am called on to explain how I failed to check the irregularities that have occurred, and for which I feel that I am not personally responsible.

16. I beg most respectfully to state that I cannot see I am in any way to blame for what has happened. I failed in August last, when alone the mischief of an excess might * to some extent have been averted, to foresee and take precautions against an officer of the Executive Engineer's standing and experience acting in what appears to me the very extraordinary manner he has done; but I am confident that any other Superintending Engineer in the presidency would have done the same. As to an Executive Engineer incurring liabilities without an allotment, that is a contingency that no Superintending Engineer can possibly guard against. An Executive Engineer does it on his own responsibility and at his own risk.

* See paragraph 17.

17. The work of the church has been stopped, and I have called on the Executive Engineer for a statement of liabilities incurred. I have also furnished him with a copy of G.O., No. 933 W., of 6th instant, as there is much in it that he can explain much better than I could owing to his thorough knowledge of the work and its history. I shall also send him a copy of this letter in order that he may reply † to my remarks on his action in the matter.

† See reply herewith sent.

18. With regard to paragraphs 2 and 3 of your memorandum, No. 535 E., of 28th August 1885, which I regret should, under the circumstances above explained, not have been attended to sooner, I have to state—

(1) That some reduction of outlay might have been effected in August last by stopping the construction of the porch, organ-chamber, vestry, and robing rooms and the bell-turret; continuing only the construction of the four walls of the buillding and its roof.

(2) The proposed alterations, mentioned in paragraph 2 of the Executive Engineer's letter of the 18th August 1885 did not increase the cost of the building.

19. I would again specially point out, as I have already done in my letter of 5th ultimo, No. 71, that, in carrying out the work, the sanctioned plan and specification have been most closely adhered to, and no work done that was not absolutely necessary.

There has been no waste of public money in unsanctioned deviations; and the rates paid were those tendered by the contractor and accepted before the work began.

Moreover, if the probability of an excess had been discovered before the contract was entered into with Messrs. Groves and Company, the only suggestion I could have made to cheapen the work would have been the substitution of brick in chunam, plastered in cement wherever practicable, for cutstone; clumsy brick pillars for neatly-dressed stone ones, &c. Such alterations, however, must have seriously injure the appearance of the building, and I doubt if you could have recommended their adoption.

20. Having again gone carefully through the revised estimate with a view to its reduction, I have struck out Rs. 690 under "scaffolding," and Rs. 600 under "supervision and sundries." This latter change leaves only Rs. 100 to cover clearing and levelling the site and supervision and watching until the building is handed over to the Ecclesiastical establishment. The total cost will thus be reduced from Rs. 49,100 to Rs. 47,810; and the excess will now be Rs. 9,649, or a little over 25 per cent.

21. I have now only to remark on the passages in the letters of the Executive Engineer, Nílgiris, herewith sent, Nos. 155 and 156 of 15th instant, which I have underlined. That officer has expressed doubts as to his power, legally, to stop the contractor, except for bad work, delay, or refusing to conform to his instructions; but I have always been of opinion that the "conditions of a schedule contract" provided for this.

Paragraph 6 states "that the contractor is bound to adopt any alteration of the original design which the Executive Engineer may direct in writing." Such alteration may of course amount to a complete stoppage of all further operations.

The contractor would, of course, in such a case have to be paid up in full for all work and materials delivered; the guarantee fund would have to be made over to him; and it would, I suppose, be optional, with him to continue work after the stoppage or not, as he might find convenient.

Government would no doubt incur some loss, but that would be unavoidable.

22. I return herewith the revised estimate and plans, together with the letters of the Executive Engineer, Nílgiris, Nos. 155 and 156, of 15th instant.

ENCLOSURES.

No. 485 M.

MEMORANDUM.

The undersigned has the honor to state that, bearing in mind the strict orders regarding economy given in G.O., No. 1977 W., of 12th August 1884, and in the orders of the Government of India printed with it, the undersigned can sanction no excesses on the Wellington church; and therefore considers that the only safe course is to stop further progress pending the submission of a revised estimate, which should be expedited as much as possible.

COIMBATORE
4th August 1885.

(Signed) J. BEATTY, Colonel, R.E.,
Superintending Engineer, IV Circle.

From Major A. C. SMITH, R.E., Executive Engineer, Nilgiri division, to the Superintending Engineer, IV Circle, dated Ootacamund, 15th April 1886, No. 155.

With reference to your endorsement, No. 105 C/N.I., of 12th April 1886, on G.O., No. 933 W., of 6th April 1886, regarding the excess on Wellington church, I have the honor to make the following remarks according to your request.

1. In the first place I respectfully submit that it was no business of mine to scrutinise an estimate which was sent to me for execution duly sanctioned by Government, especially as this

estimate had been prepared by the Consulting Architect, an officer much more competent than I to deal with such complicated buildings as this church, and I should have considered it great presumption on my part not to have taken for granted the accuracy of an estimate put before me in this way; of course these remarks refer solely to the *quantities*. As to the rates, whether or no, those of the sanctioned estimate were correct, does not, I respectfully submit, seem to me to be the question. The rates at which the work was carried out were strictly in accordance with those tendered by the contractors and sanctioned by the Chief Engineer. Moreover, I have to point out that the excesses from higher rates are a mere* trifle as compared with those arising from erroneous calculations and measurements in the estimate.

* Only Rs. 550.

2. Thus assuming, as I believe I was perfectly justified in doing, that the estimate was correct, I quite saw my way to carrying out the work within the sanctioned amount. I may here remark before quitting this part of the subject that I was ordered to charge Rs. 400 against "contingencies," being the amount of an honorarium paid to one Mr. Rea for, as I imagined, checking the plan and scrutinising the estimate in Mr. Chisholm's office; this fact would have set my mind at rest supposing I had entertained the smallest doubt as to the accuracy of the estimate. Of course, I did not suppose there could be no *omissions*, for it is perfectly impossible to foresee everything in a work of this character, but I concluded that any small omissions could be met, as they were discovered, from contingencies.

3. As I had foreseen, omissions began to be discovered as the work progressed, and slight as they were yet by August I found they were likely to mount up, and so I addressed you in my No. 1258, dated 1st August 1885, reporting this fact; to this you replied in your memorandum, No. 485 N.I., dated 4th August 1885, suggesting that work should be stopped, to which I replied in my No. 1397, dated 18th August 1885, stating that the excess would be within 5 per cent. and that "I saw no reason why the work should be stopped."

4 The work was carried on accordingly, and in due course I received endorsement, No. 557 N.I., of 2nd September 1885, on the Chief Engineer's order, No. 535 E., dated 28th August 1885, simply ordering me to get a revised estimate in without delay. I must confess I was to blame for not drawing the particular attention of the then Acting Superintending Engineer to the peculiar circumstance of the case, but it must be remembered I still had no reason to doubt the actual accuracy of the estimate, and I still believed that, as already reported, all excesses would be within 5 per cent.; nothing had cropped up to cause me to alter my opinion. Had I *then* discovered as I afterwards did (as the revised estimate was in course of preparation) the very grave errors in the *quantities*, I might probably have recommended the stoppage of the work. But let me pause here to ask you to consider what our position really was at this date, viz., 10th September 1885. We had signed a contract by which, as far as I understand such bonds, the contractors were bound to complete their work by 31st March 1886, and *they could only be prevented from carrying on their work by the discovery of bad or faulty work on their part*; and unless Government were prepared to indemnify the contractors *(who could sue for the full amount of the estimate)* for all losses they would have incurred, they could not have stopped the work.

Again, by this time the outer walls were up and the arches were going on in the nave; nearly all the materials were ready; all the stores or nearly all had been received from England; the contractors had all the doors and windows and nearly all the roof timbers ready and nearly all the cutstone work; so had the work been now stopped what would have been the use or profit of it to Government. It would have been impossible then to have effected any saving on any item not yet commenced, as materials for all items were more or less ready.

5. Thus, then, even supposing I had discovered the egregious errors of measurement in the estimate, I think I would have been justified in exercising the discretion allowed to Executive Engineers in paragraph 301, Public Works Code, and in recommending that the work should be allowed to go on, for certainly the eventual loss to Government would have been greater had the work been stopped, and we should have had on our hands a lot of material utterly useless for any other purpose and an unfinished building in a very prominent position.

6. When, however, I began to revise the estimate so many alterations were found necessary that I deemed it better to revise the whole and remeasure everything from basement to roof and take out the quantities quite independently of the original estimate. Of course, all this took time and it was not till about middle of November 1885, as far as I can recollect, that I first had cause to see that there were very grave errors in the measurements, the principal one being *cutstone*, but the total of this even was not made out until the whole estimate was nearly complete, it was then found to stand at 1,210 cubic feet, valued at Rs. 6,655 instead of as estimated, viz., 783 cubic feet, valued at Rs. 3,915, thus showing an excess of Rs. 2,740 on this item alone.

The other items are all specified in the appendix, so I need not repeat them here; and I only mention this one to show how difficult it was to arrive at any conclusion and how impossible it was to discover the total excess until the whole thing had been carefully gone into from basement to roof, a matter of time.

7. About this time, too, I had occasion to fear further excesses from the amounts of the bills received for stores obtained through the Secretary of State, but the last of these (at least I suppose it is the last) only reached me on 29th March 1886, or one and-a-half months *after I had submitted the revised estimate* and the total excess caused by these bills was Rs. 2,300.

8. By the time the main errors were discovered it would have been simple madness to have stopped the work.

9. I much regret the delay in submitting the revised estimate; although an important work, I saw no reason for letting all other work go to the wall on this account, for the time was gone by (if it ever had arrived) for stopping work on the church; so there was no reason for haste on that score. Considering the complex nature of the work and that I had other estimates, going on, of which notably the Bakery was giving me some trouble, I do not think that five months, the time actually taken, was excessive. The measurements were most intricate and every care was taken that the revised estimate should include every possible item.

10. I also regret that in submitting the revised estimate paragraphs 2 and 3 of Chief Engineer's memorandum No. 535 were not replied to, as they escaped my memory; but as above pointed out, owing to the materials having been nearly all collected and the best part of the design having been completed, it would have been impossible to have effected any savings on items not yet commenced; and as regards the insertion of recesses and lowering the windows in the chancel, the excess caused by these was practically *nil*.

11. The only savings I could effect have been made, viz., substituting brick coping plastered with cement for the stone in sanctioned plan, and white cedar was used for the ceiling instead of teak; but this last had been decided on all along.

12. In Conclusion, I may repeat that, as stated in my No. 2819, of the 12th February 1886, nothing has been done on the work which was not strictly essential, and I think the work done is excellent and reflects great credit on the contractors, who all along have been most helpful to me.

I much regret that so pleasant a piece of work should have given rise to such unpleasantness, and I trust that I may be exonerated from blame as I acted throughout in what I imagined to be the best interests of the Government.

13. The statement of account to date will follow as soon as possible.

From Major A. C. SMITH, R.E., Executive Engineer, Nílgiri division, to the Superintending Engineer, IV Circle, dated Ootacamund, 15th April 1886, No. 156.

In reply to your No. A, of 14th instant, to the address of the Chief Engineer, which you have kindly sent to me for perusal and for any explanation I may have to offer, I have the honor to state that in my No. 155 of this day's date I have, I think, nearly exhausted the subject, and have fully explained why, after my first report on the excess, it was inexpedient to stop the work and impossible for me to report further until I had gone fully into the subject.

2. The discovery of the errors in the original estimate, in which I all along put the utmost confidence, was a great blow to me.

3. I confess I was not at liberty to exceed the sanctioned estimate by even only 5 per cent., but I respectfully submit, for your consideration, the fact that by the signing of the contract alone all *the liabilities were incurred*, and *not* by my carrying on the work. Directly the contract was signed *Government had no power to stop the work except at the risk of being sued for the total amount of the estimate as long as the work was satisfactory*. On the other hand, the contractors were bound by their contract to complete the work by the 31st March 1886 as per *specification and plan*; also, directly the contract was signed, Messrs. Groves and Company set to work and purchased all the necessary timber and cut this and the stone required to dimensions; in fact long before the walls were up, the necessary timber was all prepared; what profit would it have been under the above circumstances to have stopped work?

4. But as already pointed out in my No. 155 of this date, I did not anticipate any great excess until now, or very near the time when you yourself state no saving could have been effected; so it was impossible for me to report what I did not know, or even surmise; when the facts *were* known it was too late to stop the work even had it been expedient to do so on legal grounds.

5. I hope you will now see that I have not ignored rules and orders; by the signing of the contract I was rendered helpless and did what I imagined to be best under the circumstances in good faith all through.

6. I sincerely regret that you consider you have been placed in a false position by confiding more or less in me. I was as ignorant as yourself of any large excess until too late to do anything; and even by the time I had discovered the smaller omissions, work could not have been stopped, except at great loss as I have clearly shown in my No. 155 of this date.

7. In conclusion, I venture to hope that my action in this matter may not be deemed unsatisfactory, and that I shall continue to enjoy your confidence; and I regret exceedingly the annoyance you have been put to on this account. My consolation is that you consider the work done is good.

From Messrs. GROVES AND COMPANY, to the Executive Engineer, Nilgiris, dated Coonoor, 13th April 1886.

We have the honor to acknowledge your office letter, No. —, instructing us to stop work at Wellington church. We beg to submit, for the consideration of Government, the following points :—

(1) That the whole of the material is on the ground or in our yard, the only exception being some sheet lead ordered by us specially for this work, which we are daily expecting to receive, and leaded lights for west window ordered from England.

(2) That there is only required on our part an expenditure of some Rs. 500 in labor to complete the whole of our contract. The roofing with white cedar and felt is finished with the exception of the aisles and the greater part of the nave, &c., is roofed with iron.

(3) That part of the roofing, viz., such as is not yet covered with iron, is in such a state that should rain come the cedar planking will be quite spoiled by the water leaking through the felt.

(4) Under these circumstances we consider that the stoppage of the work will entail great loss on both Government and ourselves. We shall be quite willing to wait for the payment of such additional expenditure on labor as we may incur after the present (which as above stated we estimate at Rs. 500) until a decision is come to by Government, but meantime we trust we may be allowed to continue the work.

No. 153.

Submitted to the Superintending Engineer, IV Circle, for orders with reference to his memorandum, No. 103 C/N.I., dated 11th April 1886, stopping the work. As all the ceiling will be spoilt if it rains, the contractors have been authorised to complete the iron roofing.

OOTACAMUND,
15th April 1886.

(Signed) A. C. SMITH, Major, R.E.,
Executive Engineer.

No. 110C/E.W.

Forwarded for the information of the Chief Engineer with reference to this office letter, No. 109C/E.W., of 16th instant.

OOTACAMUND,
17th April 1886.

(Signed) J. BEATTY, Colonel, R.E.,
Superintending Engineer, IV Circle.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Naduvatam, 20th April 1886, No. 113. C/E.W.

With reference to my letter, No. 109 C/E.W., of 16th instant, I have the honor to forward, herewith, a statement showing the total value of work done and materials delivered at the Wellington church up to date.

2. From the remarks in red ink it will be seen that the statement is not thoroughly complete and reliable, but a revised statement will be sent as soon as possible.

3. The contractor has been directed to stop work, even if there should be some loss by doing so.

ORDER—dated 13th May 1886, No. 1219 W., Public Works.

With his letter, No. 71 E.W., dated 6th April 1886, the Superintending Engineer, IV Circle, submitted a revised estimate, amounting to Rs. 49,100, for constructing a Protestant church at the military station of Wellington, exhibiting an excess of Rs. 10,939 over the original estimate of Rs. 38,161 sanctioned in G.O., No. 1977 W., dated 12th August 1884; and in G.O., No. 933 W., dated 6th April 1886, after briefly reciting the history of the project, and the stringent orders of the Government of India relative to the exercise of economy in its execution, the Government called upon the Superintending Engineer to show cause why he should not be held personally responsible for the excess expenditure.

2. In reply, Colonel Beatty, in his letter of 16th April 1886, represents that the excesses were due to causes beyond his control, and that there was no reason at first sight to suppose that the original estimate, which was prepared in the office of the Consulting Architect, was not fairly accurate as to quantities. The fact that excesses were occurring was first brought to his notice in the Executive Engineer's letter of 1st August 1885; and on the Superintending Engineer advising stoppage of the work, the Executive Engineer, in his letter of 18th August 1885, stated that the total excess would be within 5 per cent. of the estimate, and that there was therefore no reason to stop progress.

3. In his letter, No. 346 E.W., dated 22nd August 1885, the Superintending Engineer reported that the estimate would probably be exceeded; and in Public Works Department memorandum, No. 535 E., dated 28th idem, he was directed to submit a revised estimate with the least possible delay. Colonel Beatty states that that memorandum reached his headquarters after he had proceeded on privilege leave, and that on his return at the end of November 1885, although a revised estimate had not been submitted, the memorandum was lost sight of, his attention having been drawn to it only on receipt of G.O., No. 933 W., dated 6th April 1886.

4. The Superintending Engineer states that, after 18th August 1885, the Executive Engineer made no further report that the excess was likely to exceed 5 per cent.; that he relied on the Executive Engineer, as an officer of long service and great experience, to take precautions that the work should be brought to a standstill within the existing grant; and that he was utterly unprepared for liabilities being incurred without sanction.

5. The Executive Engineer reports that it was impossible for him to discover the grave omissions and errors of calculation in the original estimate until the work was far advanced, and until, in fact, the estimate was in course of careful revision; and that by the time the main errors had been discovered, it was too late to stop the work except at great loss to Government.

6. The work has now been stopped at a period when, as stated by the contractors, all materials required to finish it are ready, and an expenditure of only Rs. 500 in labor is needed to complete the contract.

7. After again scrutinising the revised estimate, the Superintending Engineer has reduced the total amount to Rs. 47,810, which gives an excess of Rs. 9,649 over the original estimate.

8. On reviewing this most unsatisfactory case, the Government are of opinion that the information now submitted points to Lieutenant-Colonel Morant, R.E., by whom, as Officiating Consulting Architect, the original estimate was prepared, as being responsible for the serious omissions and errors therein which have now come to light. Lieutenant-Colonel Morant is now absent from India on privilege leave; and, on his return, he will be called upon to explain the extremely unsatisfactory manner in which the original estimate was prepared.

9. With respect to other points—

(1) It seems unaccountable how the Executive Engineer could, at so late a date as 18th August 1885, have asserted confidently that the total excess would be within 5 per cent. on the estimate.

(2) The great delay in submitting the revised estimate, which was called for "*with the least possible delay*" in August 1885, and received in March 1886, is extremely unsatisfactory. In this connection, the Superintending Engineer will report the tenor and dates of the reminders alluded to in paragraph 8 of his letter, No. 109 C/E.W., dated 16th April 1886.

(3) The fact stated by the Superintending Engineer that, until April 1886, he had not seen the memorandum dated in August 1885, calling urgently for the submission of a revised estimate, seems unaccountable, and points to grave mismanagement in his office.

10. With these remarks, the revised estimate of Rs. 47,810 will be forwarded for the sanction of the Government of India.

11. The Superintending Engineer will meanwhile be authorised to complete such work as he may consider necessary to protect the Government from loss.

(Here enter No. 1220 W., dated 13th May 1886.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Consulting Architect to Government.
To Lieut.-Colonel J. L. L. Morant, R.E.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.
" Military "

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated May, 13*th*.

Read. *Encl.*

G.O., 13th May 1886, No. 1219 W.

MAY.

Protestant Church at Wellington

Orders on revised estimate submitted for the construction of the — showing a considerable excess over the original estimate.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Inspector-General of Registration, dated Ootacamund, 17th April 1886, No. 105 M. :—

I have the honor to forward, for transmission to Government for sanction and provision of funds, an estimate of Rs. 500, supplemental to the one of Rs. 2,540 sanctioned in G.O., No. 509 W., of 6th March 1885, for purchasing the Local Fund school at Taliparamba, in the Malabar district, and converting it into a sub-registry office.

2. I enclose also a letter from the Executive Engineer, West Coast division, No. 200, dated 6th instant, which explains the necessity for the submission of the above supplemental estimate.

3. A duplicate abstract estimate is also forwarded.

Endorsement on the above.

T. No. 1363.

Submitted for the sanction of the Government.

OOTACAMUND,
26th April 1885.

(Signed) G. HAMNETT,
Inspector-General of Registration.

No. 718 C., Judicial.

Approved, and transferred to the Public Works Department with reference to order in that department, dated 6th March 1885, No. 509.

(By Order.)

(Signed) A. G. CARDEW,
Ag. Assistant Secretary.

4th May 1886.

ORDER—dated 15th May 1886, No. 1238 W., Public Works.

The estimate, amounting to Rs. 500, for purchasing the site of the sub-registrar's office at Taliparamba, is sanctioned as supplemental to the estimate of Rs. 2,540 sanctioned in G.O., No. 509 W., dated 6th March 1885.

2. The question of providing the requisite allotment will be considered in connection with the statement of incomplete works of 1885-86.

3. This sanction has been registered as Provincial, No. 24 W. of 1886-87, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with one enclosure.
„ Examiner, Public Works Accounts, with duplicate abstract estimate.
„ Judicial Department.
Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated May, 15th.

Read.

Encl.

G.O., 15th May 1886, No. 1238 W.

MAY.

Sub-Registrar's Office at Taliparamba

An estimate of Rs. 500, *for purchasing the site of the* —, in the Malabar district, sanctioned.

REFERENCE TO MADRAS P. W. D. CODE.

PARAS. 2362 TO 2365.

G.O. No 1238W 15.5.86
" " 1219W 13.5.86
" " 1147R 30.11.85
" " 895W 2.4.86
" " 2093W 7.9.85

Original
Mdu No 4375

(8)

P. W. D. FORM.
No. M 112.

CENTRAL OFFICE OF ACCOUNTS.

CIRCLE Fourth

FUND Provincial & Imperial
Rs 876/86 Extraordinary

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of March 1886

No.

MADRAS,
Dated 7th June 1886.

No 1630 W d/28th June 1886

FORWARDED for orders to the Secretary to Government, Public Works Department, Madras.

13 W 2816

D. C. Ennany

Examiner of P. W. Accounts,
Madras.

Aug. 11/16. Sept 30/16.
9.12.16 R 25-8-16

Entd in RR

[P. W. D. Form No. M. 112—Inner Sheet.]

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of March 1886 requiring the orders of Government.

Item No.	Particulars of each Item.	Month in the Accounts of which Objectionable Expenditure first appeared.	Comparison with Estimate.			Comparison with Appropriation of the Year.			Expenditure during the Month.	Opinion of the Superintending Engineer, with final Remarks by Examiner.	Orders by Government.
			Amount of Estimate.	Expenditure up to Date.	Excess over Estimate.	Amount of Appropriation.	Expenditure of the Year.	Excess over Appropriation.			
						Nilgiri Division					No. 1630 W. dy 28 June 1886
	Without Estimate										
1	Purchase of Mr: Brown's property for a Telegraph Office, Vayitri	March 1883	-	4500	4500	-	-	-	-	The result of orders passed in G.O. No 2093 W dy 7 Septr/85 is still awaited.	The result of orders passed in G.O. No. 2093 W. dy 7th Septr. 1885 is still awaited.
2	Woodyard for P.W. Secretariat	Feby 1886	-	737	737	-	-	-	130	In G.O. No 1187 W dy 11th May 86 it was stated that a bill in the form of Completion Report would be called for by separate memorandum.	A bill in the form of Completion report was sanctioned in G.O. No. 1447 W. dy 8th June 1886.
	Excess over Estimate										
3	Improvements to roads within municipal limits Ootacamund	Novr: 1885	51490	53963	2473	-	-	-	385	The Executive Engineer states that the excess is within 5 percent & will be explained in the Completion Report but the value of work done is Rs 54183 or 2693 in excess of Estimate, so that the excess is over 5 percent & will therefore require the sanction of Government.	The Supdg. Engr's attention is drawn to the remarks of the Examiner with a view to a revised estimate being submitted for sanction.

[P. W. D. Form No. M. 112—Inner Sheet.]

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	Nilgiri Division (Contd)										
	Excess over Estimate (Contd)										
4	Permanent regulating weirs at the willow bund bridge, and excavating a deep channel in the lake below the weir	Nov 1885	6.600	6.983	383	"	"	"	"	The Executive Engineer states that the work has been completed, and that the excess will be explained in the Completion Report.	Noted Noted.
5	Maintenance of Kullar Gudalur Road	Feby 1886	31.550	32.073	523	-	-	-	86	The total value of work done was Rs 41,260 or 9.710 in excess of the Estimate. In the Objectionable Items Statement for February 86 it was stated that the excess would be adjusted in March 86, whereas, on the contrary, it has increased. The Executive Engineer states that the excess is due to extensive emergent works, having	The circumstance in which expenditure in excess of the sanctioned estimate for the work was incurred should be specially reported.

[P. W. D. Form No. M. 112—Inner Sheet.]

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			Amount of Estimate.	Expenditure up to Date.	Excess over Estimate.	Amount of Appropriation.	Expenditure of the Year.	Excess over Appropriation.			
	Excess over Estimate		*Nilgiri Division (Contd)*								
6	Protestant Church at Wellington	March 1886	38161	38236	75	–	–	–	3366	having had to be carried out in connection with landslips. Vide this Office Special Report No — 25 May 86 Orders of the Government of India on the Revised Estimate submitted for sanction with G.O. No. 1219 W.D. 13 May 1886. are awaited.	Requirement of Section 1 duly taken in till available Noted.
	Excess over Appropriation		*West Coast Division*								
7	Civil Buildings. Minor works	March 1886	–	–	–	2916	3540	624	1095	Not reported and explained by the Executive Engineer. Orders of Government in regard to excess outlay are requested.	The circumstance in which outlay in excess of the allotment was incurred should be explained.
8	—Do— Repairs	do	–	–	–	3700	4500	800	135		

See 1557 W dy 21-7-86

[P. W. D. Form No. M. 112—Inner Sheet.]

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			Amount of Estimate.	Expenditure up to Date.	Excess over Estimate.	Amount of Appropriation.	Expenditure of the Year.	Excess over Appropriation.			
	Miscellaneous Irregularities Works for which Revised Estimates are required		West Coast Division (Contd)								
9	Constructing Law Courts at Calicut	May March 1886	95240	79495	-	-	-	-	4948	The Executive Engineer states that a Revised Estimates for the Law Courts and Calicut Vayitri Road are awaited from Sub Divisional Officer and that a Revised Estimate for Rs 19.310 has been submitted for sanction for the Head Asstt Collectors residence.	The revised estimates are awaited.
10	Do a residence for the Head Asstt Collector at Cundapur	do	15730	7765	-	-	-	-	760		
11	Improving the Line of Road from Calicut to Vayitri	do	319788	24454	-	-	-	-	9124		
	Purchase of European Stores in the Indian Market		Nilgiri Division								
	February 1886.										
12	Corrugated iron		1142								
13	Stone breaking machine		100								
14	Silicate paint		154								
	March 1886										
15	Corrugated iron		796-10-11							The sanction of Government to the purchase of these stores is awaited.	An application for sanction to the purchase of these stones locally has been received & is under Consideration
16	Carson's blue tint		73-8--								
17	Glass		23-7-10								
18	Cement		26----								
19	Brass Cocks 1"		66----								
20	467 Rg ft Galvanized iron pipe		175-2--								

[P. W. D. Form No. M. 112—Inner Sheet.]

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	Miscellaneous Irregularities (Contd) Purchase of European Stores in the ~~Ootac~~ Nilgiri Division (Contd) Madras Market (Contd) March 1886.										
21	White lead		38-5-6							The sanction of Government to the purchase of these stores is awaited.	Vide orders above
22	20 Coils fuze		11-14--								
23	12 Kegs of oak paint		84--								
24	one gallon japan		10-8--								
25	3 Kegs Light red		47-4--								
26	Paint Brushes		17-12--								
	Coimbatore Division										
	Delay in recovery of rent										
27	From Mr: Spencer on account of Sub Collector's quarters at Dusur		Rs 17-5-4							The result of enquiry ordered by Government in para 3 of G.O. No 895 R dd 2d April 86 is awaited.	These items should be adjusted without further delay.
28	From Mr: Struggles for Overseer's Shed at Erode		Rs 12-9-3								
	West Coast Division										
	Want of Title-deeds.										
29	Purchase of School-house from the Local Fund Board at Taliparamba									The Title deeds for this property are still awaited. An Estimate for the purchase of the Site on which the building stands has since been sanctioned in G.O. No 1238 R dd 15 May 1886.	The submission of the Title-deeds should be expedited

[P. W. D. Form No. M. 112—Inner Sheet.]

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	West Coast Division (Contd)										
30	Want of Title-deeds (Contd) Purchase of 3 Tons of Portland Cement at Rs 100 per Ton for the use of Improvement to Calicut Vayitri Road	Rs	300/-							The sanction of Government to the purchase of these stores is awaited.	The Circumstances in which this article was purchased locally should be explained.
	Coimbatore Division										
	Imperial Military Without Estimate										
1	Repairing Doctor Wells' Bungalow used as Apothecary's quarters at Mathagri	March 1886	-	232	232	-	-	-	232	The Executive Engineer states that owing to the ruinous condition of the out-houses, repairs were put in hand on emergency and that an estimate was forwarded to the Superintendent Remount Depôt on 22nd April 1886 for countersignature.	An estimate for this work should be submitted without delay

[P. W. D. Form No. M. 112—Inner Sheet.]

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of March 1886 requiring the orders of Government.

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			Amount of Estimate.	Expenditure up to Date.	Excess over Estimate.	Amount of Appropriation.	Expenditure of the Year.	Excess over Appropriation.			
				West Coast Division							
	Excess over Estimate										
2	Putting the Cannanore Fort into a state of defence	March 1886	2958	3923	965	–	–	–	2235	The Executive Engineer reports that a Revised Estimate has been submitted for sanction.	Revised estimate is awaited Revised estimate is awaited
				Nilgiri Division							
	Works for which Revised Estimates are required										
3	Constructing a bakery at Wellington	August 1885	32.000	24.074	–	–	–	–	–	In G. O. No 1187 W dated 11th May 1886. it was stated that a Revised Estimate was received and returned to the Superintending Engineer for modification.	A revised estimate was sanctioned vide G. O. No 1528 dated 17th June 1886. A revised estimate was sanctioned in G.O. No 1528 dated 17th June 1886.
				West Coast Division							
4	Putting the Cannanore Fort into a state of defence	March 1886	2958	3923	–	–	–	–	–	Vide item No 2 above. Revised Estimate submitted for sanction.	Vide orders against item No 2 above Vide orders against item No 2 above

Provincial Statement of Objectionable Items in the Accounts of … **Executive Engineers for the month of** March **188**6
requiring the … **orders of Government.**

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	West Coast Division (contd)										
	Miscellaneous Irregularities										
5	Purchase of 3 Inch piping 1/— 126 Rft at Rs 1-8-- for the use of Improvement to Calicut Vayitri Road		Rs 189/-							These English Stores were purchased without the sanction of Government and which is now awaited.	The circumstances in which these articles were purchased locally should be explained.
6	Purchase of 3 Tons of Cement at do for the use of Gudalur Vayitri Road		Rs 300/-								
	Miscellaneous Advances.										
7	Repairing the Sea wall and protecting the Shore at Beypore from the action of the Sea		Rs 5159/-							The result of orders passed in G. O. No 1147 R dated 30 November 1885 is awaited.	The result of orders passed in G. O. No 1147 R. dated 30th Nov/85 is still awaited.

D. C. Ewart

Examiner of P. W. Accounts,
Madras.

Dated 21/6/86

To the Supg Engr Tr Circle