3334 W 17.12.86
2994 W 13.11.86
310 W 23.11.86
242 W 27.1.87
2920 W 5.11.86
2224 W 6.9.86

P.W.C. № 922

From

D. C. Gordon Esqr.
Examiner P. W. Accts:
Madras.

To.

The Chief Engineer
P. W. Department.
Madras.

Recorded with reference
to G.O. № 437 W dt/ 12th Feby: 87.

Encls: One

№ 283/SE4 dated 5 Febry: 1887.

W
9.2.87

Jou 9/2/87.

Forwards Endorsement
№ 283 SE4 of 5 February 1887
relative to Provincial State-
:ment of Objectionable Items
in the accounts of the Execu-
:tive Engineers for August 1886.
of 4th Circle

S. & III circle

With order

With Order

Communicated
to the Supdg. Engineer
III circle.
(Sd) J. O. H.
W.

REVENUE DEPARTMENT.

1886.

Board of Revenue,

MADRAS.

Printed November 16th.

Proceedings, 6th November 1886, No. 2417.

Submitting, for the information of Government, report from the Collector of Bellary on the number of *quarries* in the town of Bellary available to be placed at the disposal of the Public Works Department.

S. E. III circle

With order

REFERENCE TO MADRAS P. W. D. CODE.

PARAS.

2855 vr 1.11.86.
3460 C 6.10.86.
2782 vr 21.10.86.
2408 W 21.9.86.
2024 W 13.8.86.
1964 vr 7.8.86.
1410 W 2.6.86.
1399 vr 2.6.86.
2062 C 5.12.85.
2802 C 17.8.86.
2062 W 17.8.86.
2049 vr 16.8.86.
352 D 6.7.86.
1679 vr 2.7.86.
1594 vr 23.6.86.
2660 vr 9.11.85.
2037 vr 13.8.86.
1980 vr 10.8.86.

Taken by Cutr. for Rs. 32-11-6

P.W.C. No. 8693

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

CENTRAL OFFICE OF ACCOUNTS.

CIRCLE Fourth

FUND Imperial and Provincial

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

No.

SECRETARIAT TO GOVERNMENT * P.W. DEPARTMENT * MADRAS. 8 NOV 86

MADRAS, Dated 1st November 1886.

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

No. 2994 W dated 13th Nov 86

D. S. Ramam

Examiner of P. W. Accounts, Madras.

PR
3-11-86

13/11

Cfee 95/87 dr 18/11

With Cadets

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	West Coast Division Imperial Excess over Estimate										
1	Putting the Cannanore fort into a state of defence.	March 1886	2958	4347	1389	"	424	"	388	A completion Report was promised to be submitted for this work, but the Executive Engineer now states that a supplemental estimate has been called for from the Sub-Divisional officer for further work, desired by the Military authorities. It would appear from Superintending Engineer's letter forwarded with this office endorsement No. 206 S.E. 4th dated 23d October 1886, that although there is a large excess over estimate, work that was contemplated and the original estimate was not carried out, and the Military authorities have consequently refused to sign the completion certificate.	Supplemental estimate is awaited.

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	West Coast Division Imperial Want of Appropriation									Executive Engineers state that funds (less capitation grant to be obtained from the officer commanding Malabar Rifle Volunteers) will be applied for in the Statement of Savings and demands now under preparation. The amount of Capitation grant should have been realized before work was proceeded with, under the general rules for Contribution works.	Funds were applied for by the S. Engr in his statement of savings and demands, but as the demands were in excess of the surrenders the S.E. was asked to submit a revised statement restricting his demands to the amount surrendered.
2	Improving the old Jail of quarters at Calicut to fit them as quarters for the Sergeant Instructor of the Malabar Volunteers Rifles	Aug 1886	-	-	-	-	812	812	812		
	Work completed for which Completion Reports are required.									Completion Reports for these	Completion reports for these
3.	Converting the 5 family quarters No 2 Block at the West Hill Barracks Calicut into a Commissarial Staff Sergeant quarters and Store room	Aug 1886	650	599					183		

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	West Coast Division Imperial Works completed for which Completion Reports are required (contd)									works are still awaited	works should be forwarded to the Examiner without delay
4	Improving the old Jailors quarters at Calicut to fit them as quarters for the Sergeant Instructor of the Malabar Volunteer Rifles	Aug 1886	1200	812					812		
5	Repairing the roof of the Native Infantry Hospital at Quilon	Aug 1886	1970	1884					1884		
6	Repairs to Post Office at Beypore	Aug 1886	80	19					19		
7	Monsoon repairs to Post Office at Puthur	July 1886	25	20							
8	Repairing the roof of Sergeant Instructors quarters in the Fort of Tellicherry	July 1886	110	106							

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	West Coast Division Imperial Works completed for which Completion Reports are required (continued)										
9	Putting the Cannanore fort into a state of defence	March 1886	2958.4347							Vide remarks against item 1	Vide orders against item No. 1
	Provincial Want of Estimate										
10	Repairing the Government Church at Cochin	April 1886	5591	5591						Sanction to Estimate and allotment of funds is still awaited. Vide remarks in Objectionable Items Statement for July item No. 7 and 8.	Funds were provided for the work in G.O. No. 2920 W. dated 5th November 1886 but the estimate which was ordered to be resubmitted with further information is awaited.
	Nilgiri Division Provincial Without Estimate										
11	Purchase of Mr. Brown's property for a Telegraph office Kayitpi	March 1883	4500	4500						Orders awaited. In G.O. No. 2408 W. dated 21st September 1886, it was stated that the case was under disposal.	The result of the reference made to the Govt. Solicitor is awaited.

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	Nilghiri Division Provincial Without Estimate										
12	Stock Manufacture at Wellington	June 1886	-	1756	1756				134	An estimate was originally sanctioned by the Superintending Engineer for this operation under "Stock Manufacture" for Rs 1920, and when it was pointed out by this office in letter No 13 E/R dated 20th April 1886. that the rules required the sanction of Government thereto, the Superintending Engineer on further explanation from the Executive Engineer, cancelled the estimate and ordered the outlay to be charged to the works for which the articles were required. The necessary adjustment although frequently promised has not as yet been made and in this further explanation in the Objectionable Items Statement for July 1886 (dated 28th September 1886) the	Attention is drawn to the remarks of the Ex. in view to early steps being taken for the removal of objection to this item.

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	West Coast Division Provincial Want of Appropriation										
13	Repairing the Government Church at Cochin	April 86		"		5591	5591			The Executive Engineer states that "The balance will be adjusted as soon as it is possible but it cannot be done in a day" It is very irregular to go on charging outlay under Stores & Manufacture without a duly sanctioned estimate, and if as the Executive Engineer now represents there is very great difficulty in adjusting the outlay to works concerned, the sanction of Government to an estimate should be obtained.	Vide orders against item No. 10.
										Sanction to estimate and allotment of funds is still awaited Vide remarks in Objectionable Items Statement for July items nos 7 and 8.	

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	West Coast Division Provincial Miscellaneous Irregularities Works for which revised estimates are required										
14	Constructing a residence to the Head Assistant Collector at Condapur	March 1886	1573.0	1125.5			349.0		83.0	Sanction to the Revised Estimate said to have been submitted to Superintending Engineer is awaited.	The revised estimate was sanctioned vide G.O. No 2884 dated 3rd November 1886.
15	Improving the line of road from Kalicut to Vayitri Puduvalluru and Tamacherry ghaut	— " —	3197.88	515.84			2713.1		388.1	Revised Estimate is stated to be under preparation by Sub-Divisional officer.	Revised estimate awaited
16	Improving the Vayithi Gudalur Road	May 1886	4100.00	4.94.1			161.0		1.4	Sanction to Revised Estimate is still awaited.	
	Want of Title deeds										
17	Purchase of a Local Fund School house at Talipuramba from the Local Fund Board.									The submission of the Title deeds which the Executive Engineer states the Collector has been requested to obtain on payment of the amount of compensation to the land Lord is still awaited.	The submission of the title deeds should be expedited.

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	West Coast Division Provincial Miscellaneous Irregularities/Contd/ Miscellaneous Detail Advances.										
18	Repairing the sea wall and protecting the shore at Beyspore from the action of the sea									The result of orders passed by Government in G. O. No. 1147 R. dated 30th November 1885 is still awaited.	A report of the expenditure incurred by the Railway Company is awaited.
	Want of Completion Reports										
19	Constructing Sea custom-house at Tamur	May 1885	2960	2984						Executive Engineer states that the Completion Report will be submitted with the accounts of September 1886 the surplus materials having been sold and credited to the work.	Noted

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	Nilghiri Division Road Board Divisions Provincial Miscellaneous Irregularities Purchase of European Stores in the Indian Market without the previous sanction of Government February 1886.										
20	2 S.C. Nos. 2 fire stoves No 687 BB. Blower 28×3½×16×21 with 5" Tiles No 20 L. Blue with ash pan Fender PC complete and 25×3½×16×18 with 5" Tiles No 23 L.								Rs A P 351-9-0	The sanction of Government to the purchase of these stores is still awaited.	Early steps should be taken for the removal of objection to these items
	March 1886								Rs		
21	Corrugated Iron								797		
	Cardons blue tint								74		
	Glass								23		
	Cement								26		
	Brass Cocks 1"								66		
	467 Rft Galvanized Iron pipe								175		
	White lead								38		
	20 Coils fuge								12		
	12 kegs off Oak paint								84		

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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. Amount of Estimate.	Comparison with Estimate. Expenditure up to Date.	Comparison with Estimate. Excess over Estimate.	Comparison with Appropriation of the Year. Amount of Appropriation.	Comparison with Appropriation of the Year. Expenditure of the Year.	Comparison with Appropriation of the Year. Excess over Appropriation.	Expenditure during the Month.	Opinion of the Superintending Engineer, with final Remarks by Examiner.	Orders by Government.
	Nilghiri Division Provincial Miscellaneous Irregularities Purchase of European Stores (Continued) March 1886 (contd)										
21 (Contd)	One gallon Japan			11						The sanction of Government to the purchase of these stores is still awaited.	Vide orders against items Nos 20 & 21 and 22
	3 Kegs Light red			47							
	Paint Brushes 2/6			18							
	April 1886.										
	35 Maunds Coal Tar			70							
	12 Sheets corrugated Iron			28							
	May 1886.										
	64 Buckets			80							
	282 Rg: ft Ogee guttering			247							
	92 Rg ft 6" downs takes			58							
	5 Heads			25							
	1 brass reducing Socket			11							
	28 rolls of wall paper			38							
	15 gross 2" screws			15							
	2 barrels of tar			44							
	9,791 lbs of Corrugated Iron			1,163							
	27 Zinc sheets			68							

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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. Amount of Estimate.	Comparison with Estimate. Expenditure up to Date.	Comparison with Estimate. Excess over Estimate.	Comparison with Appropriation of the Year. Amount of Appropriation.	Comparison with Appropriation of the Year. Expenditure of the Year.	Comparison with Appropriation of the Year. Excess over Appropriation.	Expenditure during the Month.	Opinion of the Superintending Engineer, with final Remarks by Examiner.	Orders by Government.
	Nilghiri Division Provincial Miscellaneous Irregularities Purchase of European Stores [continued] May 1886										
21 Contd	408 lbs of Iron			5 1							
	6 sledge hammers			16							
	June 1886										
	Corrugated Iron 11,466 lbs			1362						Vide remark above in the previous page.	Vide orders above
	9 rolls of wall paper			15							
	33 zinc Sheets			83							
	30,348 of inches of glass			51							
	16 Maunds of Nar			31							
	July 1886.										
	6 bags of Cement			78							
	Corrugated Iron 265 lbs			31-7-7							
	Iron lbs 493			61-10-0							
	Iron Cash 18			27							
	Barrel Tar 1			21-14-0							

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

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

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	Miscellaneous Irregularities (Contd)										
	Nilgiri Division										
	Provincial										
	Purchase without authority										
22	One Iron Cot with 2 mattresses for Blackwood and West cottages occupied by Sub. Conductor Bragg.				35					The Superintending Engineer has since ordered the recovery of the value of the Cot from the Sub. Conductor.	Noted
	Coimbatore Division										
23	Non-examination of Sub. Divisional account and cash.— Bavani Sub Division last inspected 29th October 1885									The non examination of this Sub. Division is again brought to the notice of Government with reference to Code para 331.	This Sub-division should be inspected without further delay.
	Nilgiri Division										
	Excess over Limit of Reserve Stock										
24	Reserve Limit Rs				33,000						
25	Balance in hand				35,732					The Executive Engineer states that the balance will be reduced to within	Arrangements should be made to keep the reserve within the sanctioned limit

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
										within sanctioned limit. but when, is not stated The reserve limit for the Division was only recently raised to Rs 33,000/and no reason is given why the stock in hand should not be kept within that limit.	
	Coimbatore Division Miscellaneous Irregularities (Continued) Delay in recovery of rents.										
26	Sub Collectors, quarters at Hosur Mr. Spencer — — —				17-5-4					This item was ordered to stand over until 8th October 1886. when Mr. Spencer was expected to return from furlough Vide Superintending Engineer's No. 151 E.W. dated 15th May 1886, and G.O. No. 1399. W. dated 2nd June 1886, the Executive Engineer	Steps should be taken to recover the amount as early as practicable.

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

Provincial Statement of Objectionable Items in the Accounts of Executive Engineers for the month of August 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.			
	Coimbatore Division Imperial Military Minor Works										
27	Repairing the depoy's lines in the Removed Depôt Muddagherry		230	90						should now take the necessary steps to recover the amount	
										The sanction of Government of India is awaited Wide G.O. No 2678 W. dated 13th October 1886.	Sanctioned by the Govt of India vide G.O. No 2940 W dated 8th November 1886.
										+ Entered for Rs 8619 in Current Sections 87"	+ In press
										D.C. Cundey	To The Supdtg. Engr. II Circle thro the Examiner of Pub Accts.

12.11.86

16.11.86 12/11/86

Examiner Public Works Accts: 13-11-86
P.W. 3-11- Madras

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

Examiner of P. W. Accounts,
Madras.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from Major G. F. L. MARSHALL, R.E., Under Secretary to the Government of India, Public Works Department (Civil Works—Miscellaneous), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 24th August 1886, No. 345 M. :—

I am directed to acknowledge the receipt of your letter, No. 1763 W., dated 13th July 1886, and, in reply, to explain that the prohibition, in paragraph 2 of Finance Department resolution, No. 185, dated 10th January 1883, in regard to the purchase of stores of European manufacture in India does not apply to the two cases referred to.

2. The purchase of surplus stores belonging to Guaranteed Railway Companies is permissible under the orders published in Government of India circular No. 60 P. W. of 1877, and indeed desirable, as it tends to prevent waste, and there is no objection to the purchase in India of articles of furniture, fittings, &c., for the residences of His Excellency the Governor from the annual grants by the officers in whose favor such grants are made.

Order—dated 6th September 1886, No. 2224 W., Public Works.

Communicated to the Superintending Engineers, II and IV Circles, and to the Examiner, Public Works Accounts, with advertence to G.O., No. 1762 W., dated 13th July 1886; also to other Superintending Engineers for information.

(True Extract.)

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

To the Superintending Engineer, II Circle.
" " " IV "
To other Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Secretary to His Excellency the Governor.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated September, 6th.

Recd. *Encl.*

G.O., 6th Sept. 1886, No. 2224 W.

SEPTEMBER.

English Stores

Letter from Government of India stating that the prohibition against purchasing — locally or independently of the India Office, does not apply to purchase of surplus stores of guaranteed railways and to furniture, fittings, &c., procured for the residences of the Governor from the annual grants for the purpose, communicated to officers of the department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 16th October 1886, No. 396 E.W.

I have the honor to forward the accompanying three statements of savings and demands under Imperial, Provincial, and Excluded Local.

2. Some further saving on the Malapuram barracks is anticipated, which will be reported in statements of savings and demands to be submitted in January 1887.

3. The only item requiring special notice in the Provincial statement is No. 25, "Erecting a fountain for the Adam Memorial, Ootacamund." The estimate for this work will be exceeded by Rs. 1,000 under the sub-head "Carriage and fixing," &c. As the excess is nearly 6 per cent. on the amount of the estimate, Rs. 16,850, the sanction of Government is necessary to admit the excess outlay.

4. The Executive Engineer reports that there is not likely to be any further excess on the estimate for this work.

5. The outlay for the first five months of the official year, April to August, was small for the following reasons :—

(1) The budgets were received as follow :—

1. Imperial, Postal, 30th April 1886.
2. Do. Military, 8th May „
3. Provincial, 8th May 1886.
4. Irrigation, 19th „ „

Until receipt of the budgets, the only works that could be proceeded with were new works in progress in last official year, and emergent repairs.

(2) Large allotments were made to the circle towards end of June* and in July.† No special allotments were made in April or May.

* Rs. 196,677 † Rs. 38,645

Of course, after allotments are received, tenders have to be invited, contracts settled, and time given to the contractors to commence work. After special allotments are made, a period of two to three months is needed before outlay begins to appear in the accounts ; and it is to be noted that in this case the budget allotments, which came late, amounted to Rs. 4,21,883 and the special allotments to Rs. 2,35,322.

6. Another great cause of delay which must be taken into account is the fact that the best part of the working season, April, May and June, was lost this year, owing to the delay in receipt of budgets and sanction of special allotments.

7. Every endeavour, however, is now being made to spend the allotments, and further statements of savings and demands will be submitted in January 1887.

From the same officer, dated Salem, 23rd October 1886, No. 407 E.W.

I have the honor to request you will be good enough to include the undermentioned works in the statements of savings and demands submitted with my letter, No. 396, of 16th instant.

	RS.
I. Improvements to a portion of the Lawrence Asylum buildings, estimate Rs. 2,760, sanctioned in G.O., No. 2387 W., of 20th September 1886; amount required for current year	2,000
II. Constructing a well on the site of the new camping ground at Jalárpet, estimate Rs. 495	495
III. Constructing a culvert on the road from the cattle lines to barracks at Cannanore, estimate Rs. 103	94

2. The Military authorities are unable to find funds for the last two works. The last work was completed at an outlay of Rs. 94 under the authority of a letter from the Deputy Assistant Quartermaster-General, Western District, Cannanore.

ORDER—dated 5th November 1886, No. 2920 W., Public Works.

The following sums, surrendered under Provincial, are resumed and credited to the reserve with the Government under that head:—

	RS.
1. Collector's office at Calicut	20,000
2. Residence for the Assistant Superintendent of Police at Malapuram	1,766
3. Additions and improvements to Government House, Ootacamund.	10,000
4. Exercise-yard for European convicts at the Ootacamund jail ...	1,000
5. Extending the Coonoor cemetery	250
6. Bazaar drainage scheme, Ootacamund	4,000
7. Water-supply project, do.	15,000
8. Well in the compound of sub-magistrate's office at Gúdalúr ...	47
9. Miscellaneous Public Improvements, Repairs, Nílgiri division ...	6,585
Total ..	58,648

2. The following appropriations are made from the Provincial reserve:—

	RS.
1. Residence for the Head Assistant Collector at Coondapoor ...	1,265
2. Law courts at Calicut	12,320
3. Re-roofing and repairing the Cochin church	8,000
4. Sub-registrar's office at Kudavayúr	181
5. New Breeks' Memorial School, Ootacamund	10,000
6. Converting the cinchona laboratory at Ootacamund into an herbarium	730
7. Painting the Government offices, Stonehouse Hill	1,070
8. Providing lightning-conductor to the district munsif's court at Tellicherry	360
9. Rest-house with out-houses on the Coonoor ghât	348
10. Constructing a road on Mountstuart, Ootacamund	5,000
11. Do. a rough-stone culvert in front of Oakes' shop on Church Hill, Ootacamund	60
12. Erecting a fountain for the Adam Memorial, Ootacamund ..	1,000
13. Adding an office-room to the upper-storey of Government offices, Stonehouse Hill	1,500
14. Civil Buildings, Repairs, West Coast division	6,576
Total ..	48,410

3. Allotments have not been provided for the new works detailed in the margin, the funds at the disposal of Government to meet other emergent demands being limited.

1. Improvements to the district munsif's court at Tellicherry.
2. Alterations to the fort buildings (old jail) to be used as a Sub-Collector's office at Tellicherry.
3. District munsif's court at Kárúr.
4. Constructing a rough-stone revetment on No. 3 section, 3rd mile, 1st furlong, Kullár-Gúdalúr road.
5. Improving the margin of Ootacamund lake.

4. Explanation should be submitted as to why it is proposed to debit to Provincial funds the cost of alterations to certain buildings in the fort at Tellicherry to fit them for use as municipal offices.

5. The Superintending Engineer will report whether the allotments required under Communications, Repairs, in the Nílgiri division, can be met from the lump sum grant to that division.

6. Under Imperial, Military, the surrenders of grants proposed by the Superintending Engineer amount to Rs. 10,300, and the total additional funds applied for amount to Rs. 18,218, as detailed in the margin. As there are no funds available with the Government under this head, the appropriations proposed by the Superintending Engineer will be reduced to the amount surrendered.

	RS.
Major Works	4,200
Minor do.	12,818
Repairs	1,200
Total ...	18,218

7. The sum of Rs. 300 surrendered from the grant for adding five bath-rooms to the Paymaster Sergeant's quarters, Wellington, will be resumed and added to the Minor Works grant of the West Coast division, and the sanction of the Government of India to the following transfers will be applied for:—

From	RS.	*To*	RS.
Constructing barracks for a detachment of British Infantry at Malapuram	10,000	Bakery at Wellington	1,276
		Converting the Cannanore fort into a defensive post	924
		Improvements to a portion of the Lawrence Asylum buildings, Ootacamund	2,000
		Minor Works	4,600
		Repairs	1,200
		Total ..	10,000

The Superintending Engineer will, in the meanwhile, submit a revised statement restricting his demands for Minor Works to Rs. 4,600, which sum will be distributed on receipt of the sanction of the Government of India to the above transfers.

8. As there is no reserve with the Government under Postal, the Superintending Engineer will apply to the Director-General of Post Offices for the sum of Rs. 40 required for additions to the post office at Kotagiri.

9. The sum of Rs. 340 required for the Nílgiri division under Telegraph, Repairs, is allotted from the reserve with the Government under that head. The allotment of Rs. 230 required for the Coimbatore division under Postal, Repairs, cannot be appropriated, no funds being available.

10. The sum of Rs. 40 surrendered from the grant for the Nílgiri division under Postal, Repairs, is resumed and held in reserve with the Government under that head.

11. A sum of Rs. 190 was provided (*vide* G.O., No. 2463 W., dated 23rd September 1886), for dropping stone along the toe of the revetment on the lagoon side of the Cruz Milagre dam. The question of allotting funds for the other works under

Excluded Local, brought forward by the Superintending Engineer, will be considered in the Financial Department. The amount required is shown below :—

	Works.	Establish-ment.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.
1. Improvements to the lightning-conductor of the Mangalore light-house ...	135	31	1	167
2. Providing the light-house at Tellicherry with a lightning-conductor	176	40	2	218
Total ...	...	...	...	385

12. With respect to the Superintending Engineer's explanation of short outlay in the first five months of the year, it is remarked that the preliminary issues of the budget estimates for 1886-87 were circulated in December 1885, and, excepting works for which estimates had not been sanctioned, it was open to the Superintending Engineer to make preliminary arrangements for the commencement of other works entered therein. It is not practicable to circulate the final issues of the budgets before the end of April each year, and those for 1886-87 were not issued later than usual. With respect to the special allotments made in June and July, the majority of them were given as applications were received from the Superintending Engineer, and one large allotment granted in compliance with the Superintending Engineer's statement of demands was not included in the budget owing to the failure of the Superintending Engineer to include it in the circle budget (*vide* paragraph 10 of G.O., No. 1594 W., dated 2nd June 1886).

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Revenue Department.
" Judicial "
" Ecclesiastical "
" Educational "
" Financial "
" Marine "
" Military "

Exd. E. Fernandez.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated November, 5th.

Recd. *Encl.*

G.O., 5th Nov. 1886, No. 2920 W.

NOVEMBER.

Funds

Orders on the statements of savings and demands under Imperial, Provincial, and Excluded Local, submitted by the Superintending Engineer, IV Circle.

No. 438 / C.W.

Superintending Engr's Office, 4th Cir
Coimbatore, 15th November 1886

From,

The Superintending Engineer,
IV Circle.

To,

The Chief Engineer,
P. W. Department.

Sir,

With reference to para 4 of G.O. No. 2920 W of 5th instant I have the honor to explain that it is proposed to rent the buildings in question to the Municipality as the Collector has proposed to utilize them in this way.

2. The allotments amounting to Rs. 6170 under Communications Repairs Nilgiri Division are wanted in addition to the present grants.

3. As directed in para 7 I submit herewith a revised statement of Minor Works Military amounting to Rs. 4600, in which has been included the Improvements to the Hay shed attach-

-ed

attached to the Farm Stables Remount Depot Mathegiri sanctioned in G. O. No. 2736 W dated 11th October 86 Rs. 900, which is the 1st work mentioned by the Remount agent in his letter recorded with G.O. No. 3009 of 13th instant.

4. As regards repairs at the Remount Depot no funds are wanted at present in addition to the sum of Rs. 1200 recommended for the sanction of the Government of India

5. The repairs completed or in progress at the Remount Depot amount to Rupees. 1342.

Repairs to Maddock's Bungalow are estimated at 400

—— Do. to Gram boiling shed. 500

—— Do. to Forty Horse stable 550

—— Do. to Long stables 3,230

Total Repairs Rupees. 6022

The allotment of the Coimbatore Division for Repairs Military of 1886-87 was Rs. 4000, to which has to be added the

Put at for Cl. 8895 in Current Sect: 17

57 11

Statement of Imperial Military Minor works to accompany Superintending Engineer's letter No. 438/S.W. of 15th Instant.

Item No	Name of works	Amount of Estimate	Sanctioning authority	Past Expenditure	Amount applied for	Remarks
	West Coast					
1	Improving the old Jailors quarters at Calicut to fit them as quarters for the Sergeant Instructor of the Malabar Volunteer Rifles	1200	G.O. No 2663 W of 17th August 1886	"	960	
2	Reconstructing a slaughter house and a hanging shed at the West Hill Barracks, Calicut	1954	Do No 2543 W of 2d Nov 85	225	1,699	Outlay already incurred was paying compensation + demarcating the site
3	Deepening a well in the Cholera camping ground at Malapuram	410	Do No 1403 of 16th June 1886	"	410	
	C. O.				3,069	

added the sum of Rs. 1200 referred to above at para 4. If more funds are wanted under Repairs Military they will be asked for in a further Statement of Savings and Demands to be submitted in January.

6. With respect to para 12 of the G.O. I have only to observe that it has never hitherto been understood that any action could be taken on a preliminary issue of the Budget, and if such action had been taken this year much inconvenience would probably have resulted when Memo: No. 908C of 5th March was received. Arrangements made with contractors must have been cancelled, causing much disappointment and possibly claims for compensation.

I have the honor to be,
Sir,
Your most obt Sv

F. Beatty - Colonel, R.E.
Superintending Engr. 1st Circ

The memo was issued with the object of avoiding such inconvenience

29334. 6.11.86.

P.W.C. No 8965

From,

The Supdg Engineer,
IV Circle.

Dated 15th November 86.
Read

No 438
" G.M.

Enclosure V

Funds.

Replies to G.O's Nos.
2920 W of 5th instant, re-
-garding certain allot-
-ments of — and G O
No 3009 of 13th instant
regarding repairs and
Original works at the
Remount Depot, Matte
-giri.

PUBLIC WORKS DEPARTMENT.

No 3101 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 23rd Nov 1886

READ the following

From the Supdg. Engineer IV Circle. M. C. No: 438 C. W. dy 15th November 1886.

The following appropriations are made from the Provincial reserve with the Govt:-

Alterations to certain buildings in the fort at Tellicherry to fit them for use as municipal offices	Rs 106
Communications, Repairs, Nilgiri Division	6,170
Total	Rs. 6,276

2. The allotments required under Military, Minor Works and Repairs will be made on receipt of the sanction of the Govt. of India to the transfers applied for.

To The Supdg. Engr. IV Circle
" Examiner of P. W. Accts
Dated 23-11-86

Dy 20/11/86.

W 20/11

2920 W 5.11.86.
2933 W 6.11.86
2736 W 16.10.86.
3044 W 17.11.86
3009 W 13.11.86
2736 W 16.10.86.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department (through the Venerable the Archdeacon of Madras), dated Cannanore, 24th August 1886, No. 321 E.W.

As directed in G.O., No. 1257 W., of 18th May 1886, I have the honor to submit, herewith, a revised estimate for putting in thorough repair the Government church at Cochin.

2. The report accompanying the estimate gives a history of the circumstances under which this estimate was framed, from which it will be seen that the principal work to be done is that of renewing the roof which, through age and decay, had fallen into a dangerous state.

3. Two estimates are submitted—one shows the cost of renewing the roof with cedarwood planking under mission tiles on trusses, purlins, rafters and reepers of teakwood, and amounts to Rs. 21,290; the other estimate for roofing with corrugated iron and mission tiles on teakwood trusses, purlins, stiffeners and reepers, amounts to Rs. 20,000.

4. The more expensive work, with cedar planking, is preferred by the Chaplain and Lay Trustee, who have accordingly countersigned that estimate.

5. The Executive Engineer estimates the weight of the old Dutch roof per running foot to be 3,050 lb., and I estimate the new roof, with mission tiles and cedarwood planking, would weigh about 1,900 lb. per running foot, while the roof covered with iron and mission tiles would weigh about 1,725 lb. per running foot. The proposed new roof will therefore be much lighter than the old one.

6. It will be observed from the report, paragraph 14, that materials have been collected, and payments made to the extent of Rs. 3,228. Of this latter sum, Rs. 1,668 was spent in 1885-86; so that if the work is now sanctioned for execution on the estimate of Rs. 21,290, an allotment of Rs. 19,622 is required, and the Executive Engineer is of opinion that he could complete the repairs and improvements in two months.

7. The estimates are accompanied by a plan of the building and sections of the old roof and of the proposed new work. The walls are found to be of laterite in chunam throughout.

P.S.—The allotment now required, Rs. 19,622, may be met in part to the extent of Rs. 7,545 from savings on the allotment of the Coimbatore close prison, reported with revised estimate through the Inspector-General of Jails in my letter to the address of that officer, No. 257 M., of 18th August 1886.

From the Venerable J. F. BROWNE, B.D., Archdeacon of Madras, to the Chief Engineer and Secretary to Government, Public Works Department, dated Madras, 20th September 1886, No. 119.

I have the honor to forward a letter from the Superintending Engineer, IV Circle, submitting alternative estimates, amounting to Rs. 21,290 and Rs. 20,000, respectively, for re-roofing the Government church at Cochin.

2. In forwarding the above, I would remark upon the large sums asked for for re-roofing a church, in comparison with Government grants towards building churches, taken in connection with the number of members of the Church of England.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 29th December 1886, No. 482 E.W.

With reference to your memorandum, No. 3460 C., of 6th October 1886, I have now the honor to report further on the proposed restoration of the roof of Cochin church, and to re-submit the plans and estimates, with a letter * from the Executive Engineer, West Coast division, giving information on the points referred to in your memorandum.

* No. 819, of 16th instant.

2. I may first mention, as it was omitted in the original report, that the present Protestant church of Cochin is one of the oldest churches in India, having been built, it is believed, about the year 1505, by the Franciscan Friars who accompanied Vasco da Gama's expedition. And that celebrated man died at Cochin on December 24th or 25th, 1524, and was first buried in this church of St. Francis; but his remains were, fourteen years after, removed to Portugal. It is understood that His Excellency Sir Grant Duff decided that the building should be restored and kept in repair, because of its age and history, though it is many times too large for the present congregation.

3. With regard to the general nature of the design of truss which was to take the place of the old decayed couples and collar beams, I agreed with Colonel Ross Thompson that it should be of the form given at plate XII of Hurst's Tredgold (which is the book in use at Cooper's Hill College, I believe) with some modifications; the principal being that Tredgold's scantlings should, *for appearance sake*, be increased more than was necessary for strength, and that as there was no tie rod, the feet of the trusses should be made to abut against the inner faces of the walls in a better manner than they do in the plate above mentioned, so as to check the tendency to spread. I also sent the Executive Engineer to help him in preparing his design, copies of the plans of trusses in the new churches at Wellington and Ootacamund.

4. As already reported, the Executive Engineer, through some misunderstanding, and believing the work to be emergent, proceeded with it, in anticipation of sanction, and before submitting the plans and estimates; and when these came before me, the whole of the timbers for the trusses had been prepared, so that I had no opportunity of altering the plan, and could only telegraph to stop all work until orders of Government were received. As the span of the chancel was much the same as that of the Wellington and Ootacamund churches, I expected that similar scantlings at least would be adopted; but this was not done, so that the trusses for the chancel will be very much stronger than is necessary.

5. As the whole of the woodwork for the trusses has been prepared but not the ironwork of straps and bolts, I am only now able to propose some trifling modifications which will be seen by reference to appendices 1 and 2 of this letter.

6. You will observe from the Executive Engineer's letter that he is satisfied there is no necessity for tie rods; that the walls are strong enough to bear the thrust, &c. But from information obtained on the spot at a recent inspection I am doubtful—

(1) It is believed the walls are not solid throughout; that there are pockets in them, possibly filled with rubbish; at any rate that they are not thoroughly sound and reliable.

(2) The feet of the trusses, as designed and timber prepared, do not abut against the inner faces of the walls so strongly as in the Wellington and Ootacamund trusses.

(3) It is true the walls have hitherto withstood the thrust of a heavier roof, but the weight of that roof was distributed very evenly over them; whereas in the case of the new roof it will be brought to bear on them at intervals of about 10 feet, and in some places where the wall is not directly supported by the buttresses.

(4) But my chief reason is that I consider the Executive Engineer has not made sufficient allowance in his calculation for wind pressure.

For these reasons I am of opinion that tie rods should be provided.

7. The following are my calculations:—

I take the weight of 10 running feet of roof, including one truss, at 16,000 lb., to which I add, for wind pressure, at 40 lb. per square foot on a vertical plane in line with the ridge of the roof, $26 \times 10 \times 40 = 10{,}400$ lb. This makes a total pressure of $16{,}000 + 10{,}400 = 26{,}400$ lb. $= 11{\cdot}6$ tons; applying this in the formula—

$$H = \frac{W.S.}{4\,R.}$$

where H = tension of tie rod
S = half the span $= 19\frac{1}{2}$ feet
R = rise $= 26$ feet

$$\text{then } H = \frac{26{,}400 \times 19\frac{1}{2}}{4 \times 26} = 4{,}950 \text{ lb.} = 2\frac{1}{4} \text{ tons nearly.}$$

A tie rod of 1 inch diameter, as proposed by the Executive Engineer, might be sufficient, but I propose one of $1\frac{1}{4}$ inch diameter as it is better to allow an excess of strength; and applying these values of H and W in the formula—

$$T = \sqrt{H^2 + \frac{W^2}{16}}$$

where T = thrust along the principal rafter

$$\text{we get } T = \sqrt{2{\cdot}25^2 + \frac{11{\cdot}6^2}{16}} = \sqrt{5{\cdot}06 + \frac{134{\cdot}56}{16}}$$

$$= \sqrt{5{\cdot}06 + 841} = \sqrt{13{\cdot}47}$$

$= 3{\cdot}67$ tons $= 8{,}220$ lb.

so that the principal rafter, having a section of 54 square inches, is superabundantly strong. But, as I mentioned above, in these Gothic trusses I believe it is usual, *for appearance sake*, to use scantlings much greater than is actually necessary.

8. Again, to determine the thickness of timber necessary at the weakest point * of the truss, taking, as the Executive Engineer does, half the maximum pressure, which I find to be 13,200 lb., and supposing it distributed over the lower, 16 feet of one side of the truss, supported at one end by the wall and at the other by the circular rib, I use the formula—

* Marked A in red ink on appendix 2.

$$D = \sqrt{\frac{WL}{8\,KB}};$$

where W = 13,200 lb. = 118 cwt. nearly
L = 192 inches
K = 19 for teak
B = 6 inches

$$\text{then } D = \sqrt{\frac{118 \times 192}{8 \times 19 \times 6}} = \sqrt{\frac{22{,}656}{912}}$$

$$= \sqrt{24{\cdot}84} = 4{\cdot}98$$

= 5 inches nearly,

but the truss will be 15 inches thick at its weakest part, so it should be amply strong.

In the appendices I have given—

(1) The form of truss originally proposed.

(2) The form of truss now proposed.

(3) The form of truss at St. Thomas' church, Ootacamund.
(4) The form of truss at Wellington church.
(5) My calculation of the weight of roofing.
(6) Enlarged plan of stirrup and shoe.

9. As soon as it is finally decided what the truss is to be, and the description of tie rod, &c., I propose to have one of the principal trusses tested on the ground with its ordinary load; but of course this will not be a certain test of its standing the maximum pressure it would have to bear in a first-class storm or cyclone.

10. I have corrected the Executive Engineer's estimate, allowing extra for iron-work of ties and suspending rods, and Rs. 500 for scaffoldings. As the building is so wide and lofty, and the trusses so heavy, I think a provision for scaffolding allowable in this case.

11. As already explained in paragraph 3 of my letter, No. 321, of 24th August 1886, two estimates are submitted; one shows the cost of renewing the roof with cedarwood planking under mission tiles on trusses, purlins, rafters and reepers of teakwood,* and amounts, as revised, to Rs. 22,540; the other estimate provides for roofing with corrugated iron † and mission tiles on teakwood trusses, purlins, stiffeners and reepers, and amounts, as revised, to Rs. 21,250. The more expensive work, with cedar planking throughout, is preferred by the Chaplain and Lay Trustee, and they have countersigned that estimate.

* Malabar teak.

† In the nave, but cedar planking in chancel.

Note by the Chief Engineer, Public Works Department.

The estimates submitted by the Superintending Engineer, IV Circle, provide for renewing the roof of the Government church at Cochin.

2. The circumstances in which the work was commenced without the sanction of Government were noticed in G.O., No. 1527 W., dated 17th June 1886.

3. The Superintending Engineer submits two estimates—

(1) providing for cedar planking under mission tiles for the entire roof, amounting to Rs. 22,540; and
(2) providing for cedar planking for the chancel and corrugated iron under tiling for the nave of the church, the amount being Rs. 21,250.

4. Both estimates are large in amount, but it is desirable to restore the church on account of its historical associations, irrespective of the number of the congregation, for which it is admittedly too large.

5. The Chaplain and Lay Trustee prefer the larger estimate, but the undersigned considers that both on account of economy and durability, it would be preferable to use corrugated iron throughout the roof of the building. The second estimate has therefore been reduced to Rs. 20,680, and is recommended for sanction.

(Signed) J. O. HASTED, Colonel, R.E.,
19th January 1887. Chief Engineer, P.W.D.

ORDER—dated 27th January 1887, No. 242 W., Public Works.

The estimate, amounting to Rs. 20,680, as amended by the Chief Engineer, for renewing the roof of the Government church at Cochin, is sanctioned.

2. A sum of Rs. 8,000 was allotted to the work in G.O., No. 2920 W., dated 5th November 1886, and a further appropriation of Rs. 9,000 is now made to it from the Provincial reserve with the Government. The balance required to complete the work will be provided in the budget for 1887-88.

3. This sanction has been registered as Provincial, No. 167 W. of 1886-87, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with eighteen enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Ecclesiastical Department.

Exd. P. L. Pereira.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated January, 27th.

Recd. *Encl.*

G.O., 27th Jan. 1887, No. 242 W.

JANUARY.

Government Church at Cochin

Estimate of Rs. 20,680 for renewing the roof of the —, sanctioned and an appropriation of Rs. 9,000 for the work, made.

No. 15
E W.

Supg: Engineer's office IV Circle
Coimbatore, 18th January 1887

From

Colonel J. Beatty R.E
Superintending Engineer
IV Circle.

To,

The Chief Engineer
P. W. Department
Thro' the Examiner of P. W. accounts

Sir,

With reference to G. O. No. 2994 of 13th November last on the statement of Objectionable Items for August 1886, I have the honor to report as follows on the items requiring reply:—

Item Nos 1 & 9 - Cannanore Fort - The Revised estimate working up to the total of the past and proposed outlay of Rs 4726, called for in a Memorandum No. 4,522 C of 18th Ultimo from the Chief Engineer P. W. D is awaited from the Executive Engineer West Coast Division, who has been reminded to expedite its submission.

Item

The Revised statement of minor works for which funds are required was submitted with this office No 438 E W of 15th November 86 in which funds for this work (Rs 960) were applied for.

Item No 2 — Quarters for the Sergeant Instructor of the Malabar Volunteer Rifles.

A completion report was submitted on the 13th December 1886.

Item No 3 — Commissariat staff Serjeant quarters and store room.

This work is not yet completed and this fact was intimated to the Examiner in reply to the Audit note for August 1886.

Item No 4. vide item No 2 above.

The completion Report was submitted on the 10th November 86.

Item No 5 — Native Infantry Hospital at Quilon

The Executive Engineer reports that the completion Report was ready for submission on the 16th December last but there has been delay on the part of the departmental officer in countersigning the completion Certificate.

× Post master General.

Item No 6 — Post office at Beypore

The completion Report was submitted on the 13th November 1886.

Item No 7 — Post office at Puthur.

Item No 8 — Sergeant Instructor's quarters in the fort of Tellicherry.

The Completion Report was submitted on the 6th November 1886.

Item No 10 — Government Church at Cochin.

The Revised estimate is resubmitted with this Office No 482 E W. of 29th December 1886.

Item No 12, 24, & 25 Stock Manufacture in the Nilgiri Division

The stock balance of the Division has been already reduced and brought within the sanctioned limit.

Item No 13 Govermt Church at Cochin.

A sum of Rs 8,000 was allotted in G. O. No 2,920 of 5th November 1886.

Item No 15 — Road from Calicut to Vayitri

The Revised estimate is being checked in the Division office.

Item No 16. Vayitri & Gudalur road

The Executive Engineer reports that the revised estimate for Rest houses on this road will be submitted in a few days.

Item No 17. Purchase of Local fund school house at Taliparamba

The delay in the submission of the title deeds is on the part of the Revenue authorities and Reminders are being sent on the subject to the Collector.

The completion Report was submitted on the 10th November 1886.

Item No. 19 - Sea Custom House at Tanur

No special sanction of Govt. seems necessary for the purchase of these articles since general ~~since~~ ~~general~~ sanction for the local purchase of fittings &c to Government house was given in G.O. No. 2224W of 6th September 1886.

Item No. 20 - Purchase of European articles for the Govt House at Coty.

Sanctioned in G.O. No. 3050 W. of 17th November 86.

Item No. 21 - Purchase of European articles in the local market in the Nilgiri Division

Since examined on the 19th October 86.

Item No. 23. Non-examination, Barur Sub. Dn office.

Mr. Spencer has been allowed an extension of 6 months leave and the recovery of rent due must therefore stand over for the present.

Item No. 2 Sub Collectors quarters at Hosur

I have the honor to be
Sir
Your Most obt servant

L. Beatty Colonel RE
Supy. Engineer IV Circle

Enclosure of No: 1 of Endorsement No. 283 S/E 4 dated 5th February 1887.

283 S/E 4
21 JAN 87
GOVT. BRANCH
P.W. ACCTS. MDS.

From

Col. J. Beatty R.E.
Supg: Engineer
4th Circle

Enc: 1
P.W. 922/87

Dated 18th
Received } January 1887

No. 15
E.W.

Provincial Statement of Objectionable items in the accounts of Executive Engineers for August 1886

Submits explanations for certain items in the—

GOVERNMENT OF MADRAS

Endo: 1.

Endorsement No. 283 S/E 4
dated 5 February 1887.

Forwarded with the following remarks:-

Items 2-3-4-5 & 8-13-19-20-21 and 23. Objections removed.

Items 12-24-25. The outlay on Stock Manufacture has not yet been adjusted, but the Stock in hand is now within the reserve limit.

The other objections still hold good.

D. C. Cameron

Examiner of P. W. Accounts.
Madras.

E.V.S.Ks 5/2. E.T. 3/2 Encs: One

To.

The Chief Engineer
P. W. Department.
Madras.

3334 ww 17.12.86
2994 ww 13.11.86
3106 ww 23.11.86
2412 ww 27.1.87
2920 ww 5.11.86
2224 ww 6.9.86

Recorded with reference to G.O. No. 437 W dy 12th Feby 87.

ww 9.2.87

No. dy 9/2/87.

P.W.C. No. 922.

From

D. C. Gordon Esqre
Examiner P. W. Accts:
Madras.

To.

The Chief Engineer
P. W. Department.
Madras.

Encls: One

No. 283 dated 5 Febry: 1887.

4/7/2.87

Forwards Endorsement No. 283 SE4 of 5 February 1887 relative to Provincial Statement of Objectionable Items in the accounts of the Executive Engineers for August 1886. of 4th Circle