M.R.O. 1—77,006—8-6-37.

(1) Number of pages 160

(2) Date of repair ?

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3031 Press / Mis.

547-48

Dated 30 · 11 1811 .

Not to be folded or roughly handled

No. 547. Read the following letter from the Acting Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Coimbatore, 28th October 1871, No. 167:—

4 Estimates with 3 comparative statements.
1 Plan of Ventilators.

With reference to the latter part of paragraph 2 of G. O., No. 828 of 20th March 1871, I have the honour to forward herewith revised estimates for the sub-jails and subsidiary buildings in the South Canara District, as noted below, wherein provision has been made for substituting timber rafters and reepers for bamboo rafters and reepers to such of the buildings as have not as yet been completed.

2. An estimate of Rupees 820 for re-roofing with timber rafters and reepers the already completed sub-jail at Udipi, and replacing the existing protections to ventilators with ones better calculated to resist the monsoon, is also herewith submitted for sanction. With reference to this estimate the Range Officer reports that "the present roof of bamboos and pantiles is a most inferior "one, the bamboos being very small, and not likely to last another year. The "weather boards of the ventilators have been constructed on a very bad principle, "*vide* accompanying sketch, and receive the drip from the roof, the water following the direction of the struts has penetrated the walls of the building, built "of laterite in mud, running into the cells, and rendering them almost "uninhabitable."

3. The following is an abstract of the amount of the estimates herewith sent, showing also the past outlay, current year's allotment, and the balances of estimates remaining to be provided for:—

Name of Work.	Amount of original estimate.	Amount of revised estimate.	Outlay to end of 1870-71.	Current year's allotment.	Balance of estimate requiring sanction.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Sub-jail at Buntwall ...	3,570	3,950	1,520	2,050	380	The excess required to complete this building being below Rupees 500, no additional allotment is necessary.
Do. at Beltangady.	6,550	7,515	2,635	3,920	960	
Do. at Oopinangady.	5,975	7,760	3,943	2,030	1,787	
Do. at Cassergode ...	4,195	4,997	3,390	800	807	
Do. at Hossdroog ...	5,310	5,810	4,441	870	499	Do. do. do.
Improving do. at Udipi...	.....	820	.....	...	820	

The Range Officers have been permitted to carry out Items 1 to 5 agreeably to the revised estimates pending their sanction by Government, but to limit the outlay to the extent of the current year's allotment for the respective buildings.

No. 548. Order thereon, 30th November 1871, No. 3,031.

CIVIL WORKS, No. 35.

In paragraph 29 of his report on the operations of the Public Works Department in his district for the year 1868-69, the Collector of South Canara called attention to the remarks of his Head Assistant in respect to the Subsidiary Jail buildings in his range, which he

Verification

represented to have been built with tiled roofs and bamboo reepers and rafters, a very unsuitable material for roof work, instead of wooden reepers and rafters, which even on the score of economy, it was said, were preferable in a damp climate like that of the Western Coast.

2. These remarks were communicated to the Superintending Engineer of the 7th Division in Proceedings of Government of the 3rd May 1870, No. 1,162, that officer in letter No. 247 reported, after inspection of the buildings in question, that bamboos were employed for the roofing in order to reduce the estimated cost of the works as much as possible. Colonel Farewell however gave it as his opinion that timber rafter and reepers should be used and promised to submit revised estimates for such of the buildings as had not then been completed.

Paragraph 11, printed with G. O., No. 828, dated 20th March 1871.

3. The letter recorded at the head of these Proceedings gives cover to the promised revised estimates, of which the following is an abstract as compared with the amount originally sanctioned, past expenditure, and current year's grants :—

Name of Work.	Amount of original estimate.	Amount of revised estimate.	Outlay to end of 1870-71.	Current year's allotment.	Balance to be provided.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	
Sub-jail at Buntwall ...	3,570	3,950	1,520	2,050	380	
Do. at Beltangady.	6,550	7,515	2,635	3,920	960	
Do. at Oopinangady.	5,975	7,760	3,943	2,030	1,787	
Do. at Cassergode ...	4,195	4,997	3,390	800	807	
Do. at Hossdroog ...	5,310	5,810	4,411	870	499	Excess being below Rupees 500, additional allotment is not necessary.
						Do. do. do.

4. In addition to the above the Superintending Engineer gives good reasons for re-roofing the completed sub-jail at Udipi, and submits an estimate accordingly for Rupees 820.

5. The revised and supplemental estimates under notice are sanctioned, and authority is granted under paragraph 90, Section 2 of the Manual, for the prosecution to completion of the sub-jails at Buntwall and Hossdroog, on each of which the current year's outlay, as per revised estimate, will not be in excess of existing allotments by more than Rupees 500. The remaining four works should be entered with the further grants required for them, and which Government are *at present* unable to provide in the Provincial Budget for 1872-73.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 7th Division.
,, Controller of Public Works Accounts.
,, Judicial Department.

Exd. E. C. Shunker.

No 167 Superintending Engrs: Office,
7th Division,
Coimbatore 28th October 1871

From,
Lt Colonel. W. Farewell S.C.
Ag Sups Engineer, 7th Div.

To,
The Secretary to Government,
P.W.D. Madras.

Sir,

Enclosures 8
1 Estimates with
3 Comparative state-
ments
1 Plan of Ventilators

With reference to the latter part of para 2 of G.O No 828 of 20th March 1871, I have the honor to forward herewith Revised Estimates for the Sub Jails and subsidiary Buildings in the South Canara District, as noted below, wherein provision has been made for substituting Timber rafters and reepers, for Bamboo Rafters and Reepers to such of the Buildings as have not as yet been completed.—

2. An Estimate of Rs 820 for Re-roofing with Timber Rafters and Reepers the already completed Sub-Jail at Udipi and replacing the Existing protections to Ventilators with ones better calculated to resist the Monsoon, is also herewith submitted for sanction.— With reference to this Estimate the Range Officer reports that "the present Roofs of "Bamboo and Pantiles are a most "inferior one, the bamboos being very "small and not likely to last another "year.— The Rafter boards of the "Ventilators have been constructed an

Allotment for the respective buildings.

I have the honor to be,
Sir,
Your most obedient
Servt
W Brownrigg Lt Colo
Asst Surg 1st Dy Surgn

"an a very bad principle; vide accompa-
"nying Sketch, and receive the drip
"from the roof, the water following the
"direction of the strata has penetrated
"the walls of the building built of
"laterite in mud running into the
"Cells and rendering them almost un-
"inhabitable."—

3. The following is an abstract of the amount of the Estimates herewith sent, shewing also the past outlay, Current years' allotment, and the balances of Estimates remaining to be provided for.—

Name of Work	Amount of Estimate	Amount Expended	Outlay to end 1863	Current Years Allotment	Balance	Remarks
Sub Jail at Bantwall	3570	3950	1520	2050	350	Rs 3500 received to Com-plete the Building being Rs 450 in additional Allotment necessary
Hills at Billangady	6550	7515	2635	3920	960	
Hills at Coginangady	5975	7760	3943	2030	1787	
Hills at Cavergade	4195	4997	3390	800	807	
Hills at Hosdrug	5310	5816	4441	570	499	
Improving Hills at Udipi	—	820	—	—	520	Hills Hills Hills

The Range Officers have been permitted to carry out Items 1 to 3 agreeably to the revised Estimates pending their sanction by Government, but to limit the outlay to the extent of the Current years' allotment

Public Works Department

No. 3631

Proceedings of the Madras Government

Under date the 30th November 1871

Read the following

From The Supg Engineer 1st Dn / No. 167 / 28th October 1871

In para 29 of his Report on the operations of the Public Works Department in his District for the year 1868/69 the Collector of South Canara called attention to the remarks of his Head Assistant in respect to the Subsidiary Jail Buildings in his Range which he represented to have been built with tiled roofs and bamboo recesses and

Read 25th October 1871
Received 2nd November 1871

No. 5213.

From The Secretary to Government
Public Works Department

Lieutenant Colonel

Transmits Extract
Letter from Lieutenant Colonel
Lord Dunboyne
to the Secretary
Public Works
in Copy
Extract of
Proceedings
Dated 31st Oct 1871.

Read

and rafters, a very unsuitable material for roof work instead of wooden reepers and rafters which even on the score of economy it was said were preferable in a damp climate like that of the Western Coast.

These remarks were communicated to the Supg Engineer 7th Division in Proceedings of Govt of the 3rd May 1870 No 1162, that Officer in letter No 214, reported after inspection of the Buildings in question that Bamboos were employed for the roofing in order to reduce the estimated cost of the works as much as possible - Colonel Farewell

para-11 finished with G.O. No 828 of 20th March 71.

Farewell however gave it as his opinion that Timber rafter and reepers should be used and promised to submit revised Estimates for such of the Buildings as had not then been completed.

The letter recorded at the head of these proceedings covers the promised revised Estimates, of which the following is an abstract as compared with the amounts originally sanctioned, together with yearly grants.

Name of work	Amount of original Estimate	Amount of revised Estimate	Outlay to end of 70/71	Expenditure Capital	Expenditure Repairs	Balance	Remarks
Sub Jail at Burtwall	3,570	3,950	1,520	2,050	380		Excess being below Rs 500 additional allotment is not necessary -
do at Bellungury	6,550	7,515	2,635	3,920	960		
do at Cossimungury	5,975	7,760	3,943	2,030	1,787		
do at Cassegode	4,195	4,997	3,390	800	807		
do at Hosdroog	5,310	5,810	4,144	870	499		do do

In addition to the above the Superintending Engineer gives good reasons for refusing the completed Sub Jail at Udipi and submits an Estimate accordingly for Rs. 820.

The revised and supplemental Estimates under notice are sanctioned and authority is granted under Para 90 Section 2 of the Manual for the prosecution to completion of the sub Jails at Bantwall and Hosdrug on each of which the current years outlay, as per revised Estimate will not be in excess of existing allotments by more than Rs. 500. The remaining four ~~eight~~ ~~558~~ should

should be entered with the further grants required for them, and which Government are at present unable to provide, in the Provincial Budget for 1872/73.

J. N. 10/12.

To The Supg Engineer 7th Dn with Estimates &c
" Controller P.W. Accounts
" Judicial Department

Cypher 1/12/72.

1/No. 513.

Gov. (1871) Madras.

PUBLIC WORKS.

To The Superintending Engr
y[e] Carnatic

Dated

Recd.

G. O. 30 Mar 1871 No. 3631.

Nos. 624-518

Sanctioning Estt. Establishment.

Para. 2 orders in the above
Memo dated 27th Jany
Sanctioning revised Estimate
for Certain Sub Trials in
the South Arcot Division.

Ltr 45 Mar 71 Rec 27