M.R.O. 1—77,006—8-6-37.

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(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 137. Press —Mis.—

273-280.

Dated 15 . 1 . 1867.

Not to be folded or roughly handled

42

Proceedings of the Madras Government, Public Works Department,
15th January 1867.

No. 279. Read the following letter from the Acting Superintending Engineer 1st Division, to the Secretary to Government, Public Works Department dated Vizianagrum, 21st December 1866, No. 215:—

2 Enclosures.

1. In continuation of my letter No. 154 of 22nd October last, I have the honor to report that I requested Captain Smalley, on his being relieved from the 2nd Range, to take charge, from Mr. Supervisor Hudson, of the 3rd Range, and to examine into the state of the accounts and works more closely than I could do. He finds that the rates which have been entered in all estimates lately forwarded are insufficient, no increase having been made in some years during which prices have risen universally, the consequence is that no work is satisfactorily done, and for new constructions he has been obliged to frame supplemental estimates.

2. Mr. Hudson had covered some of these deficiencies previously by payments from his own pocket, in others by debiting excess expenditure to other estimates, or by transferring at cost price building plant, which had deteriorated greatly in value.

3. The system of account keeping was bad, and it is impossible to trace several items fairly out; the members of the Range Office have, in my opinion, taken advantage of Mr. Hudson's bad health, and I shall use my endeavours to remove them from this to other Ranges.

4. I shall address the Government on each work in separate letters; but with this preface beg to submit for sanction a bill for Rupees 1,162-6-0, being the cost of constructing a bell tower; the estimate framed by Colonel Chambers amounted to Rupees 1,040, and the bill was reduced to Rupees 1,040-6-0 by transferring Rupees 87 without any explanation to the Chancel now in progress, and charging Rupees 70, cost of materials, to the same work, though they were really scarcely worth half that amount.

5. The excess is partly owing to insufficient rates, partly to the insertion of a cut stone projecting mould to the third story, similar to those in the first and second, which had been omitted in the original design, and partly to an alteration in the roof; these changes were allowed by the Superintending Engineer.

6. The amount now requiring to be sanctioned, Rupees 122, is much needed for the adjustment of the account on the Chancel, which may be conveniently entered upon here.

7. The original estimate for this work, framed by Mr. Hudson, amounted to Rupees 730, but the rates are clearly too low. Rupees 10 for cut stone would be scarcely sufficient for the apron of a calingulah, or work of that nature; it is impossible to cut mouldings for windows at this price—the same remark applies to the brick-work which was entered throughout at Rupees 2-8-0. In the enclosed estimate a distinction has been made between wall and window work.

8. The amounts allowed for altering the east end of the Church are insufficient, and no item was entered for steps at the entry of the Chancel; all the arrangements within the Communion rails entailing a rise of one and a half feet.

9. In the original estimate, it was proposed to suspend the rafters from a ridge beam 20'×1'×2' and supported by two purlins intermediate between it and the side walls to avoid any couples; the roof of the Chancel was to have had the usual slope of one-third the span with flat and pan tiles.

10. As we cannot procure a ridge beam of these dimensions, I propose to brace the rafters together by iron ties near the top, and giving the roof a better pitch, reduce the lateral pressure of the rafters. Following the method successfully pursued by Captain Darrah, R. E., at Berhampore, I intend to use only flat tiles and plaster. This is both cheaper and lighter than a roof of flat and pan tiles, which latter could not be used on this slope.

11. The flat tiles are maintained in position by reepers on edge nailed at intervals along the slope of the rafters.

12. Mr. Hudson is responsible for Rupees 104-2-0 which he spent in the purchase of wood wholly unfit for the ceiling, and which Captain Smalley has rejected; and for advances made to Stone-cutters, which we cannot recover.

13. I have therefore to beg that Government will grant a further allotment of Rupees 380 for the completion of this work which has been long delayed, leaving the Church in a most unsightly condition. As the Lord Bishop is expected in this part of the diocese in February, and would take the opportunity to consecrate the building, I shall urge on the roofing at once, and beg the Government will take the subject into their early consideration.

No. 280. ORDER THEREON, 15th January 1867, No. 137.

ACCOUNT, No. 22.

1. Under the explanations furnished by the Superintending Engineer of the 1st Division, the Government sanction the expenditure of Rupees 122-13-5 which is reported to have been incurred in excess of the estimate for the construction of a bell tower to the Church at Vizianagrum.

2. The supplemental estimate of Rupees 380 for the completion of the Chancel to the Church at the same station is also sanctioned; but under paragraph 90, Chapter II. of the Manual of Public Works Accounts, no special allotment of funds is necessary.

3. The Government are much displeased at the conduct of Supervisor Hudson as reported in this letter, and they are not a little surprised to find that a Subordinate of his standing should have so disregarded the established rules of the Department as to have permitted the irregularities which are noticed in paragraphs 2 to 4. A copy of these orders will be furnished to the Superintending Engineer of the 7th Division, under whom Mr. Hudson is now employed, with a request that Mr. Hudson may be warned that similar misconduct on his part will be severely noticed.

4. The attention of the Superintending Engineer of the 1st Division will be drawn to his omission to quote the Orders* sanctioning the estimates for the works abovementioned and that† in which funds were allotted for the Chancel during the current official year.

* No. 673, 5th March 1864.
,, 2,891, 29th September 1865.

† No. 1,995, 25th June 1866.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Superintending Engineers, 1st and 7th Divisions.
,, Accountant General.
,, Controller of Public Works Accounts.
,, Ecclesiastical Department.

Ed. T. O'Connor.

				Carried forward	75	9	5	104	6	"

Bill for the Belfrey to the Church at Vizcanagram, in the Vizagapatam Distt.

Quantity	Particulars.	Amount Rs.	As.	P.	Total Rs.	As.	P.
	Bills passed by Controller for 1864/65	619	7	"			
	As per Controller's Clearances for May, June, July, August, September, October, November & December 1865.	420	15	"			
					1040	6	"
35	Bricklayers at " — 6 — "	13	2	"			
22½	Do " — 5 — "	7	"	6			
26	Do " — 4 — "	6	8	"			
93	Do " — 3 — "	17	7	"			
47	Head Coolies " — 2 — "	5	14	"			
72	Men Do " — 1 — 4	6	"	"			
144½	Women Do " — " — 10	7	8	5			
16½	Smiths " — 5 — "	5	2	6			
½	Maund of Iron per Do. 2 — 4 — "	1	2	"			
9/16	Do Do 2 — " — "	1	2	"			
1¼	Do Do 1 — 12 — "	2	3	"			
400	Bricks per 1000. 2 — 8 — "	1	"	"			
1	Maund of yellow ochre	1	8	"			
	Carried forward	75	9	5	1040	6	"

	Brought forward		75	9	5	1040	6	"
50	Baling Ropes	Each " " 3	"	12	6			
13	Candles of Charcoal	per Cask " " 10	8	2	"			
1¼	Seer of Brass	at 2½ Seers per 1 " "	"	8	"			
24	Baskets	Each " " 3	"	6	"			
11	Pots	do " " 6	"	5	6			
6	Sieves	do " " 2 "	"	12	"			
16	Trips of rough stone conveyed	per Trip " " 1 "	1	"	"			
						87	7	5
1	Shed		15	"	"			
500	Bamboos	per 100 1 " "	5	"	"			
3	Chunam Tubs	Each 1 " "	5	"	"			
1	Large Rope		4	"	"			
1000	Coir Ropes	Each " " 3	15	10	"			
203	Pieces of jungle wood	Each " 2 "	25	6	"			
	Deduct Value of materials transferred to Chunnel		70	"	"			
			35	"	"	35	"	"
	Total Rupees					1162	13	5

Supg. Engineer's Office 1st Divn.
Camp Vizianagrum
21st December 1866.

F. Hudson Lt. R.E.
Asst. Supg. Engineer 2nd Divn.

Enclosure in a letter &c.
dated 21st Dec. 1866 from
the Right Hon. the Lord Lieut.
Secretary Lyons, to the Under
OR 5267/66

Dated 21st
Received 22nd } Dec. 1866.
Read

Dig for the Belfry.
to the Museum at Liège.
= magnum in the Liège
= gochatum Dictt. =

Comparative Statement shewing the work of a Church to be erected at Vizianagrum in the 3 Range of Vizagapatam District

Original Estimate						Revised Estimate						Excess	Saving	Remarks
Quantity	Particulars of work	Rate	Per Item	Amount	Total	Quantity	Rate	Per Item	Amount	Total				
121 23/27	Cft of Roughstone in Chunam	2	0	Cft	243	11 8	103 23/27	2	0	Cft	227	10 1	0 0	16 1 2
1 1/3	" of Brick in Chunam	3	4	"	4	23	1/3	3	4	"	2	2 8	0 0	1 15 7
7 21/27	" of do in do	2	8	do	19	7 1	6 5/27	2	8	"	16	6 1	45 15	0 0
6 18 1/2 27	" of Cut stone	10	0	do	16	14 11	16 1/3	3	0	"	49	0 0		
							88 1/25	11	12	Cft	66	0 5	49 1 6	0 0
5-40 Sqrs	Roofing with country wood rafters, Teak wood planks, nails, 3 courses of flat tiles, & 3 coats Chunam	40	0	Sqrs	216	0 0	6 48/100	20	0	Sqrs	129	9 7 (1)	0 0	86 6 5 (1) Roofing with 3 courses of flat tiles, Sand rafters, Tree Nails
3 24/100	" of Flooring with Stone jilly and plastering 2 coats	3	12	do	11	5 6	16 13/27	2	12	do	45	5 2 (2)	33 15 8	0 0 (2) Flooring with concrete of Gravel & Chunam
26-25	" of Plastering in Chunam	1	12	do	49	7 -	23 52/100	1	12	do	41	13 9	0 0	7 9 3
6 — Sqft	Country wood wall Plate	1	8	Cft	9	0 0	53 1/3	1	12	do	93	5 4 (3)	84 5 4	0 0 (3) Sand wood brought & plast 4/-
108 Rft	Sand wood plain kind brought & plastered Cornice work	3	0	"										
	Iron tie Rods	"	2	6 Rft	16	11 0	408	"	2	6 Rft	63	12 0	48 12	0 0
							222	"	2	6 Rft	34	7 -	17 9	0 0
	Alterations to present Hall of Church, &c				64	3 3	20	2	8	Each	50	0 0	50 0	0 0
	Additional Alterations to										66	1 4	1 11 1	0 0
	Polishing &c										25	0 0	25 0	0 0
	Taking down old work										10	0 0	10 0	0 0
	Excavating foundations										20	0 0	20 0	0 0
	Contingencies				12	0 0					12	0 0	0 0	0 0
	Extra " incurred				66	14 9					97	6 7	30 7 10	0 0
											50	0 0	50 0	0 0
	Total				730						1110		429 0 5	182 0 5
							Deduct Amount already Granted				730			
							Balance now required				380			

Supg Engr & Officer 1st Div
Coast Vizagapatam
27th December 1866.

J Flinders Lt Colonel
Ag Superintendent

Supg. Engineer's Office, 2nd Divn.
Bengal Artillery Barracks
No. 215. 27th December 1806.

From Lieut.Col. N. F. Halkett &c.
Capt.g Engineer, 1st Divn.

To
Colonel C. A. Pitt &c.
Secretary to Govt. F.W.D.
Madras.

Sir,

In continuation of my letter No. 154 of 20th October last, I have the honor to report that Lieut. Inglis at his being relieved from the 2nd Cuddapah took charge from Mr. Superintendant Lindsay of the 3rd Cuddapah and is employed under the orders of the Assistant Engineer Mr. Boswell at the Bengal Barracks which have been entirely finished and delivered over, no inconvenience having been made in some cases during which period have risen universally - the consequence is that no work is satisfactorily done, and great inconveniences have been obliged to procure supplemental Estimates.

2. Mr. Lindsay had ordered some

Lieut. 1st
Report 22nd
Dec.

From Lieut. Inglis Assistant Engineer
Chromepet Cantonment
to Capt.n Engineer 1st Divn.
Dated 22nd Dec.r 1806.

Received 29th Dec.r 1806.

Sir,

I have the honor to report for the information of Government that I have this day taken charge of the 3rd Cuddapah Battalion from Mr. Superintendant Lindsay.

I have the honor to be
Sir
Your most obedient humble Servant
(Signed) Geo. Inglis Lieut.

from his own pocket - in others by debiting excess expenditure to other Estimates or by transferring at cost prices building plant, which had deteriorated greatly in value.

3. The system of account keeping was bad; and it is impossible to trace several items fairly out - the members of the Bungee Office have, in my opinion, taken advantage of Mr. Hudson's bad health, and I shall use my endeavours to remove them from this to other Ranges.

4. I shall address the Government on each work in separate letters - but with this preface beg to submit for sanction a bill for Rs. 1162-6-0 being the cost of constructing a bell tower. The Estimate framed by Col. Chambers amounted to Rs. 1040 - and the bills were reduced to Rs. 810 6-0 by transferring Rs. 87 without any explanation to the Channel now in progress and charging Rs. 70 cost of materials to the same work, though they were really scarcely worth half that amount.

5. The excess is partly owing to insufficient rates; partly to the insertion of a cut stone projecting mould to the 3rd story similar to those in the 1st & 2nd, which had been omitted in the original design; and partly

partly to an alteration in the proof - these changes were allowed by the Superintending Engineer.

6. The amount now requiring to be sanctioned Rs. 122 is much needed for the adjustment of the accounts on the Channel which may be conveniently entered upon here. —

7. The original estimate for this work framed by Mr. Hudson amounted to Rs. 730 - but the rates are clearly too low. Rs. 10 for cut stone would be scarcely sufficient for the apron of a Caliengula or work of that nature - it is impossible to cut mouldings for windows at this price - the same remarks applies to the brickwork which was entered throughout at Rs. 8 - 4. In the enclosed estimate a distinction has been made between wall and window work.

8. The minutes allowed for altering the castings of the chunds are insufficient, & no items were entered for steps at the entry of the Channels - viz. the arrangements within the communion rails including a rise of 1½ ft.

9. In the original estimate, it was proposed to suspend the rafters from a ridge beam

beam 20 × 1 × 2 ½ supported by 2 parting intermediates between it and the side walls to avoid using couples. the roof of the Chancel was to have had the usual slopes of ⅓ the span with flat and pan tiles.

10. As we cannot procure a ridge beam of these dimensions, I propose to ~~[illegible]~~ brace the rafters together by iron ties near the top, and giving the roof a better pitch reduce the lateral pressure of the rafters. Following the method successfully pursued by Captain Dairaths R.E. at Berhampore, I intend to use only flat tiles and plaster. This is both cheaper and lighter than a roof of flat and pan tiles, which latter could not be used on this slope.

11. The flat tiles are maintained in position by rafters or ridges nailed at intervals along the slopes of the rafters.

12. The Hindoo is expenditure for Rs 104-2 which he spends in the purchase of wood wholly unfit for the existing and which Cutcherry invariably has rejected, and for advances made to Stone Cutters which we cannot recover.

13. I therefore beg that Government will grant a further allotment of Rs 380 for the completion of this work which has been long delayed leaving the Church in a most unsightly condition. As the Lord Bishop is expected in this part of the diocese in February & would take the opportunity to consecrate the building I shall urge on the roofing at once & beg the Government will take the subject into their early consideration.

I have &c &c

J. Thuberty Lt. R.E.

Offg. Exg. Engineer, 1st Div.

Account — Public Works Dept.

No. 137

Proceedings of the Madras Government,
Under date the 15th January 1867
Read the following

From the Acg: Supt Engineer
of the 1st division — (Here Enter No. 215 of 21 Dec/66)

Under the explanations furnished by the Superintending Engineer of the 1st Dn, the Govt sanction the expenditure of Rs. 122 2/3. Which is reported to have been incurred in excess of the Estimate for the construction of a bell tower to the Church at Vizianagram -

2 The supplemental Estimate of Rs. 380 for the completion of the

Read a letter from the Acg: Supt Engineer of the 1st Division No. 215 dated 21st December 1866 —

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for November 1866 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for December 1866 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for January 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for February 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for March 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for April 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for May 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for June 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for July 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for August 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for September 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for October 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for November 1867 be submitted to the Board of Revenue.

Ordered, that the Report of the Committee on the Accounts of Works & Establishments in No. 3 (Bungalow Charges) for December 1867

Channel to the Church at the same relation is also sanctioned; but under para 90, Chapter II of the Manual of Public Works Accounts, no special allotment of funds is necessary-

The Govt. are much displeased at the conduct of Superintendg Engr Hudson as reported in this letter, and they are not a little surprised to find that a subordinate of his standing should have disregarded the established rules of the Dept. and to have permitted the irregularities which are noticed in paras 2 to 4

a copy of these orders will be furnished to the Superintending Engineer of the 7th Dn., under whom Mr Hudson is now employed, with a request that Mr Hudson may be warned that similar misconduct on his part will be severely visited-

The attention of the Superintg Engr of the 1st Dn. will be drawn to his omission to quote the orders sanctioning the Estimates for the works above mentioned and that in which funds were allotted for the Channel during the Current Official year-

+ No 673 - 5 March 164
" 2891 - 29 Sept 165

+ No 1995 - 25 June 166

To
6 S. Engr 1st Dn. ✓
7 do 7th Dn. ✓
3 Accountant ✓
Controller ✓
4 11 Ecclesiastical Dept ✓

41
Dept. 16 January 67

P W 1867 Despd

Pay: of Govt for Jany

£ 137.

Pay: of the Madras Govt

Dy 15: January 67

Certain sums for
Works Connected with Church
at Vizianagaram, Vizagapatam
Station &c. — sanctioned.
The Conduct of Hudson,
Supervisor while in charge
of the 3rd Range, Vizagapatam
Dt, noticed.

£ 279. 200.

C. 7th Jany 1867. Da. 11th