M.R.O. 1—77,006—8-6-37.

(1) Number of pages 16

(2) Date of repair 2-12-42

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 116 Press ~~Mis.~~

239-240

Dated 10 — 1 — 1866.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
10th January 1866.

No. 239. Read the following letter from the Director of Public Instruction, to the Chief Secretary to Government, Fort Saint George, dated Madras, 28th October 1865, No. 2,280:—

I have the honor to forward the papers marginally noted,* and to request that Government will be pleased to sanction Captain Beatty's revised estimate for the Vizagapatam Normal School, which exceeds the original estimate of 8,000 Rupees by Rupees 2,363. The extra cost can be met from the provision made in this year's Budget for the erection of a Zillah School-house at Berhampore, and which has already been placed at the disposal of the Public Works Department.

* Letter from the Inspector of Schools, 1st Division, No. 267 of 21st October 1865.
Do. from the Officiating Superintending Engineer, 1st Division, No. 1,281 of 12th October 1865, with estimate.
Requested to be returned.

From the Inspector of Schools, 1st Division, to the Director of Public Instruction, dated Masulipatam, 21st October 1865, No. 267.

1. I have the honor to forward a revised estimate for the erection of the Government Normal School at Vizagapatam, submitted by Captain Beatty, R. E., at present officiating Superintending Engineer, 1st Division.

2. Captain Beatty's own letter, copy of which accompanies this, fully explains the grounds on which it has been found necessary to revise the original estimate. The frequent transfers of charges which unavoidably take place among the Executive Officers of the Public Works Department, must, I think, be taken as one of the chief causes of the frequent occurrence of revised estimates. The work that is estimated for by one Officer, often falls to another to be completed; whose professional skill is in no danger of being questioned by reason of the excess.

3. Since my arrival at head quarters I have more than once visited the new school, and for the delay that has taken place, the present Executive Engineer can in no degree, so for as I can judge, be held responsible. The work has been at a stand still almost for sometime, waiting for the Sál-wood rafters which arrived by steamer only a few days before I left Waltair last month.

4. I am not aware of any Government order for *cut-stone* to be used for flooring. Flooring in chunam has been prohibited, but flat tiles or smooth bricks might have been used. Now however the stone has been collected, and some portion has been laid down, so that any alteration in this point now would not, I think, be expedient; and there can be no doubt that the stone will look better and last longer.

5. The flight of steps referred to in paragraph 6 of Captain Beatty's letter, I decidedly think ought to be added.

6. With respect to paragraph 8, I have to observe that a plan and estimate for the Chicacole school has already been forwarded to you for sanction, and in the course of a few days more I hope to be able to send on plans and estimates for school houses at Bimlipatam and at Elur.

From the Officiating Superintending Engineer, 1st Division, to the Inspector of Schools, 1st Division, dated Waltair, 12th October 1865, No. 1,281.

1. I have the honor to forward you herewith the revised estimate of the Normal School at Vizagapatam, which has been prepared by the Executive Engineer, and examined in this Office.

Enclosure 1.

J. Beatty Captn R.E.
Executive Engineer Vizagapatam

2. The original estimate was prepared in this Office in 1863, and framed on rates the sufficiency of which had not been tested by experience, as up to that date only one public building of any considerable size had been erected in the District by this Department: and in consequence during the past two years the necessity for greatly increased building rates has, in several instances been recognized by Government.

3. You will observe that the principal cause of excess is the very inadequate rates provided in the original estimate for roofing and flooring. The whole of the roofing timber is of Sál-wood, which is considered little, if at all, inferior to Teak, while its cost, when put up at Vizagapatam, is but little more than half that of Teak. The flooring, by an Order of Government of 1st February 1865, No. 289, is to be of cut-stone.

4. The building has been a considerable time under construction, owing to difficulties that have been met with in procuring Sál-wood for the roof. This has been obtained from Kimedy forests in Ganjam, sawn at the Aska factory, and sent down by sea from Gopalpore to Vizagapatam. However I understood from you that this delay has not hitherto been a source of any great inconvenience to the Educational Department as the Normal School Master and pupils have been accommodated in the buildings occupied by the *Zillah School*.*

* The Hindu A. V. School, Vizagapatam, is meant.
(Signed) H. BOWERS.

5. The well provided in the original estimate may, I consider, be dispensed with, as there are several wells in the neighbourhood of the building, and a tank immediately in rear of it.

6. One small additional work is proposed, viz., a flight of steps in rear from the level of the verandah floor down the steep slope of the tank bund on which the school is situated, to the waters of the tank. On your inspection of the building you considered, I think, that this would be an improvement.

7. The additional funds are now required to complete the roofing, flooring, and plastering, and if granted immediately the building may easily be completed and brought into use within this official year. The cut-stone flooring is the only part still to be done, which is likely to occupy much time.

8. I observe that Rupees 15,573 have been allotted in the Educational Building Fund Budget for new schools in this Division in this official year; and as the plans and estimates of these buildings have not yet received sanction, it is very improbable that the whole of this large sum can be advantageously expended on the new buildings before the close of the year. I would therefore suggest that the additional funds required for the Normal School be found by a reduction of the grants for the other new buildings of the Division, which can be made good to those estimates from the Budget of 1866-67.

9. With these remarks, I do myself the honor of requesting you will be good enough to forward the revised estimate for sanction, through the Director of Public Instruction.

(True Copy.)

(Signed) H. BOWERS,
Inspector of Schools.

No. 240. ORDER THEREON, 10th January 1866, No. 116.

CIVIL WORKS, No. 41.

1. In their orders in the Educational Department, under date the 30th September 1863, No. 243, the Government sanctioned an estimate amounting to Rupees 8,000 for the erection of a Normal School at Vizagapatam.

2. The Director of Public Instruction now submits a revised estimate, which has been prepared by the Executive Engineer at Vizagapatam. This estimate exceeds the amount already sanctioned by Rupees 2,363, and the Executive Engineer explains that the excess is due to the original estimate having been framed on rates, the sufficiency of which had not been tested by experience, as up to the date of its preparation (August 1863) only one public building of any size had been erected in the District by the Public Works Department. The items on which the largest excesses occur are *roofing*, *flooring*, and *contingencies*, for which Rupees 2591,771, and 1052 are provided in the revised estimate against Rupees 1177, 342, and 712 respectively in the estimate of 1863.

2. Under the explanation afforded, the Government sanction the revised estimate amounting to Rupees 10,363, and grant authority for the excess being provided from the Budget allotment for the Zillah School-house at Berhampore,* as recommended by the Director of Public Instruction.

* Ganjam District.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 1st Division.
" Accountant General.
" Controller of Public Works Accounts.
" Director of Public Instruction.
" Educational Department.

Exd. S. T. Augustin.

By arranging for the use of Saulwood, sawn by Machinery at Aska this item will probably be sufficient, if countrywood sawn on the spot had been used the work might have been done in a shorter time but would have cost more

5208. Vide accompanying data.

89951 Do Do Do

16 9 2
5 8 6

35 2 4

The site first given by the Collector near the parade ground was objected to by the Military Department; the work had to be stopped & removed to a new site after the excavation was half done, causing a loss in Earth work

48 1

32

200

32099 11 3 336 11 3

Edmett 65 D
No. 394

J. Beatty Capt. R.E.
Executive Engineer Kyaopatam

Regd Reg 15 of 1863-68

Statement Shewing the cost of Constructing the New Normal School at Vizagapatam according to the Original & Revised Estimate.

Remarks	Original Estimate Particulars of Work	Rate	Rupees	Annas	Pies	Revised Estimate Particulars of Work	Rate	Rupees	Annas	Pies	Remarks
	422 7/8 Cy^ds of Rubble Masonry in S. Cy^t	6	3	8		773 11/27 Cy^ds of Rubble Masonry in Cy^t	12	3	12	2	This rate for Rubble Masonry for which data were found in the Pillah Canal will probably be sufficient here as stone has in this case to be carted further, both sand and water are obtained near the work. Rubble Masonry was substituted for brick in the walls with the Supt^s sanction in order to reduce as far as possible the deficiency in the Estimate.
	350 22/27 Cy^ds of Brickwork in Chunam	2	1	9	0						
	21 22/27 Cy^ds Do Arch Do	3		10	6	21 12/27 Cy^ds of Arched Brickwork in Chunam	4	1	6	0	1021 5.
	3 7/12 Do Cornice work	4	8		0	378 Rft^s of Cornice work		2	1	0	493 6
	70 13/100 Sq^rs of Flooring with Brick on edge Chunam & Rubble Course underneath & plastering	4	14		0	70 13/100 Sq^rs of Cabstone slabs in Parallel Courses	11/3				771 10
	532/20 Sq^rs of plastering 2 Coats Chunam	2	2		0	532/20 Sq^rs of plastering 2 Coats Chunam and white washing	2	1	14	0	208 5.
	532/20 Sq^rs of plastering 2 Coats Chunam	2	2		0						
	171/2 Do of Do 1 Coat Do	1	8	6	0	171/2 Do of Do Do Do	2	2	6	0	369 12 9
	52 Cabstone pillars Complete	6		Each	3 12	52 Cabstone pillars Complete	9		Each	4 8	
	11 Laul wood trusses Complete	45		Do	495	11 Laul wood trusses Complete	50		Do	550	

Rupees	Annas	Pies	Remarks
136	11	3	
37	7	11	Vide data of 25th January 1865 furnished with letter No 362
33	1	6	I have provided 5 pies more than a letter I had as the Contractor & the clerk of the Works of the Main building and no additional cooly will be required in raising materials.
139	13	10	This rate which was provided for such work in the original estimate of the Normal School Custom House framed in Madras found about sufficient. The stone is carefully dressed on five sides & I find that the Municipality of Vizagapatam pay about the same rate for stone roughly dressed on three sides for lining their drains.
30	13	8	Vide data of 9th March 1864 furnished with letter No 566
107	5		Do Do my letter No 284 19th October 1864 with
156			Do Do letter No 9th March 1864 furnished with letter No 566
55			In this case the error of the framer of the Original Estimate appears to have been due to his allowing an insufficient scantling to the tie beam

516 4/12 Cft of Saulwood wrought & put up 1 12 .. Cft 904 98

Sqrs of Roofing with Saulwood Rafters
52 1/20 reepers, rails flat & pantiles Chun-
am borders — 20 .. Sqr 1041 ..

Sqrs of sloping roof with Saulwood
rafters, reepers, rails 3 Courses
61 1/25 of flat tiles & 3 Coats of Chunam — 256 4 Do 1555 7 11

Pairs of Teakwood pannelled and
24 venetian doors — 43 .. Each 1032 ..
1 — Do — Do — Do — 53 12 .. Do 53 12 ..
20 — Do Venetian windows — 24 .. Do 480 ..
4 — Do — Do — Do — 21 14 .. Do 87 8 ..
27 — Do attic windows — 5 .. Do 135 ..
30 6/10 Sqr of Green paint 3 Coats — 2 68 Sqr 73 15 2
22 15/100 — Do Wood oil 3 — Do — 1 .. Do 22 2 4

Excavating foundation and
filling in — 135 2 4

Flight of Steps in rear of
the Building — 48 ..
Contingencies — 10 .. Pct 1038 1 3

Well is not required — 103

Total Rupees — 103
Deduct amount already sanctioned — 80
Balance now requiring sanction — 23

J. Beatty - Capt. R.E.
Offg. Supg. Engr. 1st Dn.

No. 2280.

From

E. B. POWELL, Esq.,
Director of Public Instruction.

To

THE CHIEF SECRETARY TO GOVERNMENT,
Fort Saint George.

SIR,

I have the honor to forward the papers marginally noted,* and to request that Government will be pleased to sanction Captain Beatty's revised Estimate for the Vizagapatam Normal school, which exceeds the original Estimate of 8,000 Rupees by Rupees 2,363. The extra cost can be met from the provision made in this year's Budget for the erection of a Zilla school-house at Berhampore, and which has already been placed at the disposal of the Public Works Department.

* Letter from the Inspector of schools, 1st Division, No. 267 of 21st October 1865.
Letter from the Officiating Superintending Engineer, 1st Division, No. 1281 of 12th October 1865, with Estimate.
* Requested to be returned.

Office of the Director of Public Instruction,
MADRAS, 28th October 1865.

I have the honor to be
Sir,
Your most obedient servant.

Director of Public Instruction.

Public Works Department

No. 116

Proceedings of the Madras Government

Under date the 10th ~~[illegible]~~ Jany 1866

Read the following

From the Director of Public Instruction

Submitting for sanction a revised estimate for the Vizagapatam Normal School. (Here enter 28th Octr/65 No. 2280)

In their orders in the Educational Deptt under date the 30th Septr 1863, No. 243, the Government sanctioned an estimate amounting to Rupees 8000 for the erection of a Normal School at Vizagapatam.

2. The Director of Public Instruction now submits a revised estimate, which has been prepared by

---

Dated 28th October 1865.
Received 19 Oct.
E.D.
No. 394

No. 2280.

Submitting for sanction a revised Estimate for the Vizagapatam Normal school.

No. 116 - 10th Jany 1866

No. 239

c. 22nd Decr 1865 to 2nd Jany 1866

From
The Director of Public Instruction.

To
The Chief Secretary to Government
For t Saint George.

by the Executive Engineer at Vizagapatam. This Estimate exceeds the amount already sanctioned by Rupees 2363, and the Executive Engineer explains that the excess is due to the original Estimate having been framed on rates, the sufficiency of which had not been tested by experience, as up to the date of its preparation (August 1863) only one public building of any size had been erected in the District by the Public Works Department.

The items on which the largest excesses occur are roofing, flooring and contingencies for which Rupees 2.591 - 771 and 1052 are provided in the revised estimate against Rupees 1177 - 342 and 712 respectively in the Estimate of 1863.

Under the explanation afforded, the Government sanction the revised Estimate amounting to Rupees 10,363, and grant authority for the excess being provided from the Budget allotment for the Zillah School house at Berhampore, as recommended by the Director of Public Instruction

Ganjam distt

To Engr. 1st Dn.
" Acctt Genl.
" Controller
" Director of Public Instn. With 2 letters
" Educational Dept.

Desp. 11th Jan.

P.P. 1866 Depto
P.W. of Govt for Jany

No. 116
P.W. of the M. Govt
D/ 10th Jany/66.

Normal School at Vizagapatam. The revised estimate amounting to Rs. 10,363, for the erection of sanctioned, and authority granted for the excess (Rs. 2,363) being met from the allotment for the Zillah School-house at Berhampore, Ganjam District.—

No. 239. 240

C. 22nd Decr. 1865 R. 3rd Jany