M.R.O. 1—10,006—28-2-50.

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MADRAS RECORD OFFICE

Government of Madras

Pub. Works. DEPARTMENT

G.O. No. / ~~B.P. No.~~	2854 / 365 & 366	Press / ~~Mis.~~

Dated 26. 11. 1873 ~~195~~ .

Not to be folded or roughly handled

No. 365. Read the following letter from Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Vellore, 31st October 1873, No. 1,378 :—

I HAVE the honour to submit, for the sanction of Government, a revised estimate in the form of comparative statement, amounting to Rupees 3,510, for converting the old Cavalry saddle-rooms at Trichinopoly into quarters for Departmental Staff Serjeants, and another estimate of Rupees 260 for building two privies at one end of the cook-room of the above quarters.

1 Comparative Statement.	1 Estimate.
1 Plan.	1 Specification.

2. The original estimate for converting the saddle-rooms into Staff Serjeants' quarters amounted to Rupees 3,305, from this a sum of Rupees 125, value of old materials, was deducted, and the sum of Rupees 3,180, sanctioned in G. O., No. 92, dated 10th January 1873. It is now found that the old materials will not fetch anything like that sum, and the contractor also refuses to have anything to do with them. The old materials will therefore be sold and the sale proceeds credited to Government.

3. Privy accommodation was not originally provided for, and now the estimate of Rupees 260 has been prepared at the request of the local Military authorities.

4. The necessity for the revised estimate is owing to increased rates as shown below :—

(*a.*) *Brick-in-chunam.*—Rate raised from Annas 2 to Annas 2 Pies 3 per cubic foot. The latter is the rate now always allowed, and it is stated there is special reason why it should be allowed in this estimate, as to extract the saddle-pegs entire huge holes have been made in the walls which must be very carefully filled up, for this no allowance was made. The pegs should have been sawed off close to the wall.

(*b.*) *Jungle wood.*—Rate raised from Rupees 2 to Rupees 2-8-0, it being impossible to procure good seasoned jungle-wood at the former price.

(*c.*) *Windows.*—Originally provided batten. The Military Authorities now call for half glazed and half venetian.

5. The original plan and estimate were prepared in September 1872 by Supervisor Sub-Conductor Falvey, who had not been long in the Trichinopoly District, and he adopted the rates that prevailed for many years, but are now found insufficient.

6. The amount requiring sanction is Rupees 590, viz. :—

	RS.
Revised Estimate for Staff Serjeants' quarters	3,510
Deduct amount sanctioned in G. O., No. 92, dated 10th January 1873 ...	3,180
	330
Add estimate for two privies	260
Total...	590

7. The plan and estimate for the privies have met with the approval of His Excellency the Commander-in-Chief.

Proceedings of the Madras Government, Public Works Department, 26th November 1873.

No. 366. ORDER THEREON, 26th November 1873, No. 2,854.

MILITARY WORKS, No. 6.

HIS Excellency the Governor in Council sanctions the addition of Rs. 590 to the estimate of Rupees 3,180 for the conversion of the old Cavalry saddle-rooms at Trichinopoly into quarters for four Staff Serjeants, the excess being due to insufficient rates, anticipated loss by sale of materials, and the provision of two privies. There seems no doubt as to the necessity of the proposed increase, but it is evident that the details of the original estimate were not sufficiently scrutinized by the supervising officer before submission to Government.

2. The work should be completed during the current year in anticipation of the allotment of the balance* (Rs. 590) of the estimate.

* Rupees 3,180, allotted in G. O., No. 1,803, dated 14th July 1873.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Inspecting Engineer for Buildings.
" District Engineer, Trichinopoly.
" Officiating Controller of Public Works Accounts.
" Military Department.

Trichinopoly District.

Comparative Statement of the Staff Sergeants' Quarters proposed to be built at Trichinopoly. Showing Original and Revised Estimates.

Sub Heads	Per	As Per Original Estimate Quantity	Rate	Amount	As Per Revised Quantity	Rate	Amount	Difference Increase Quantity	Rate	Amount	Decrease Quantity	Rate	Amount	
Converting the old Cavalary Rooms into Quarters Suitable for two Staff Sergeants.														
Cft Brick in Chunam	Cft	4262 3/16	" 2 "	532 12 4	4262 3/16	" 2 3	599 5 11	4262 3/16	" " 3	66 9 7	- - -	" " "	- - -	Rate raised 3 pies.
" Arch work in chunam	"	171 3/4	" 2 6	26 13 4	171 3/4	" 2 6	26 13 4	"	" " "	" " "	- - -	" " "	- - -	
Sft. of Plastering 1 Coat	Sqr	5682	1 8 "	85 3 8	5682	1 8 "	85 3 8	"	" " "	" " "	- - -	" " "	- - -	
" Flooring	"	1252 3/4	4 8 "	56 6 -	1252 3/4	4 8 -	56 6 "	"	" " "	" " "	- - -	" " "	- - -	
" Raising and refitting present stone flooring in old Building	Sft	525	- 2 "	65 10 -	525	" 2 -	65 10 "	"	" " "	" " "	- - -	" " "	- - -	
" Roofing with flat and pan tiles. Palmyrah Rafters Couples, Rafters &c.	Sqr	2059 3/4	20 " -	411 15 2	2059 3/4	20 - -	411 15 2	"	" " "	" " "	- - -	" " "	- - -	
Roofing Front Verandah with nanal grass over bamboo mats and bamboo placed 1½ apart and 4 Jungle wood pillars Complete		722 1/4	8 " "	57 12 5	722 1/4	8 " "	57 12 5	"	" " "	" " "	- - -	" " "	- - -	Rate raised 8 annas
Cft of Country wood wrought	Cft	41 5/6	2 " "	83 10 8	41 5/6	2 8 "	104 9 4	41 5/6	" 8 "	20 14 8	- - -	" " "	- - -	
							1407 11 10			87 8 3				
Carried Over				1320 3 7										any

Sub Heads	Per	As Per Original Quantity	Rate	Amount	After Revised Quantity	Rate	Amount	Difference Increase Quantity	Rate	Amount	Decrease Quantity	Rate	Amount	
Brought forward				1320 3 7			1407 11 10			87 8 3				
Large Doors 6½×4 (Country wood Complete)	Each	5	15 " "	75 " "	5	15 " "	75 " "	" "	" "	" "	" "	" "	" "	
Small Dr 6×3 Dr Dr	"	2	12 " "	24 " "	2	12 " "	24 " "	" "	" "	" "	" "	" "	" "	
Windows 3×3½ Dr Dr Half glazed & half Venetians	"	6	8 " "	48 " "	6	9 2 1	54 12 6	6	1 2 1	6 12 6	" "	" "	" "	substituted for Batten Windows at the request of the Military Authorities
Sft. of Painting 1 Coat	Sft.	114½	2 8 "	2 13 9	114½	2 8 "	2 13 9	" "	" "	" "	" "	" "	" "	
Wooden Ventilators in gables one at each end 1½ diameter Complete	Each	2	6 " "	12 " "	2	6 " "	12 " "	" "	" "	" "	" "	" "	" "	
Ornamental Posts	"	2	1 8 "	3 " "	2	1 8 "	3 " "	" "	" "	" "	" "	" "	" "	
Demolishing pillars	"	"	" " "	6 " "	"	" " "	6 " "	" "	" "	" "	" "	" "	" "	
Excavating & filling in	"	"	" " "	10 " "	"	" " "	10 " "	" "	" "	" "	" "	" "	" "	
Scaffolding				7 " "	"	" " "	7 " "	" "	" "	" "	" "	" "	" "	
Sundries & Contingencies				23 14 8			27 9 11	" "	" "	3 11 3	" "	" "	" "	
Total for one Staff	Sergeant			1532 " "			1630 " "			98 " "				
" Two	"	"	" " "	3064 " "	"	" " "	3260 " "			196 " "				
Converting two of the old Saddle Rooms into a Cook house for two Staff Sergeants														
Cft. Brick in Chunam	Cft.	316 " 2		39 8 "	316	2 3 "	44 7 "	316 " "	3	4 15 "	" "	" "	" "	Rate raised 1½ Rs.
Sft. of Plastering	Sqr.	512	1 8 "	7 10 10	512	1 8 "	7 10 10	" "	" "	" "	" "	" "	" "	
Constructing 2 small Ventelators in roof of Cook Room one on each back	Each	2	2 " "	4 " "	2	2 " "	4 " "	" "	" "	" "	" "	" "	" "	
Sundries & Contingencies				2 13 2	"	" " "	3 14 2	" "	" "	1 1 "	" "	" "	" "	
Total Rupees				54 " "			60 " "	" "	" "	6 " "	" "	" "	" "	
Carried over				3118 " "			3320 " "	" "	" "	202 " 4	" "	" "	" "	

7

Continued

Sub Head.	Rs	As Per Original Quantity	Rate	Amount	As Per Revised Quantity	Rate	Amount	Difference Increase Quantity	Rate	Amount	Decrease Quantity	Rate	Amount
Brought forward				3118 " "			3320 " "			202 " "			
Constructing Compound Wall round Staff Sergeants Quarters													
Cft. Mud walling	Cft.	3264 "	4½	76 8 "	3264 "	4½	76 8 "						
Cft. Brick in Chunam	"	146 "	2 "	18 4 "	146 "	2 3	26 8 "	6	146 "	3 2 4 6			
Sft. of Coping	Syr.	1020	5 " "	51 " "	1020	5 " "	51 " "						
Country wood gates 6'×4½'	each	2	15 " "	30 " "	2	15 " "	30 " "						
Sundries & Contingencies				11 4 "			11 15 6	" "	" "	" 11 6			
Total Estimate	Rupees			3305 " "			3520 " "			205 " "			
Cost of Building 2 Privies for the use of the Staff Sergeants as per accompanying Estimate										260 " "			
Total Rupees Required										465 " "			

Dist. Engrs Office
Trichinopoly 9 August 1873

James Vertue
Major R.E.
District Engineer Trichinopoly.

Compd Ltr

Ed Ford Colonel R.E.
Inspecting Engineer for
Civil and Military Buildings

Inspecting Engr. Circle.

Bungs. ur. a letter No. 1378 dated 31st October 1873

Rec'd 2 Nov. 1873.

Comparative Statement of the Estimate for converting Quarters proposed to be built with Verandahs into Sergeants Quarters, Original and Revised Estimates.

Revised Estimate Rs. 3510
Original do. do. 3305
Rec'd 3rd Nov. 1873.

No. 1378

Office of the Inspecting Engineer for Civil and Military Buildings,
~~Vepery~~, 31 October 1873.
Vellore

From

The INSPECTING ENGINEER
for CIVIL and MILITARY BUILDINGS,

To

The Secretary to Government
P. W. Department

Sir,

I have the honor to submit, for the sanction of Government, a revised Estimate in the form of Comparative Statement, amounting to Rupees 3510 for converting the old Cavalry Saddle rooms at Trichinopoly into Quarters for Departmental Staff Sergeants, and another Estimate of Rs. 260, for building two Privies at one end of the Cook room of the above quarters

2. The original Estimate for converting the Saddle rooms into Staff Sergeants quarters amounted to Rupees 3305- from this a Sum of Rs. 125, Value of old materials, was deducted, and the Sum of Rupees 3180, Sanctioned in G. O. No. 92 dated 10 January 1873. It is now found that the old materials will not fetch any

Enclosures 4.
Comparative Statement
Plan.
Estimate
Specification.

- any thing like that Lum, and the Contractor also refuses to have any thing to do with them. The old materials will therefore be sold, and the sale proceeds credited to Government.

3. Privy accommodation was not originally provided for; and now the Estimate of Rs. 260 has been prepared at the request of the local Military authorities.

4. The necessity for the revised Estimate is owing to increased Rates as shewn below:

a. Brick in chunam. Rate raised from 2 annas to 2 annas 3 pies per Cubic foot. The latter is the rate now always allowed, and it is stated there is a special reason why it should be allowed in this Estimate, as to extract the Saddle pegs entire, huge holes have been made in the walls, which must be very carefully filled up, for this no allowance was made. The pegs should have been sawed off close to the wall.

b. Jungle wood. Rate raised from Rs. 2 to Rs. 2-8-. it being impossible to procure good Seasoned Jungle wood at the former prices.

c. Windows. Originally provided batten. The Military authorities now call for half glazed and half Venetian.

5. The original Plan and Estimate were prepared in September 1872, by Supervisor, Sub Conductor Halvey, who had not been long in the Trichinopoly District, and he adopted the rates that prevailed for many years, but are now found insufficient.

6. The amount requiring sanction is Rs. 590. Viz.

Revised Estimate for Staff Sergeants quarters	Rs. 3510
Deduct amount sanctioned in G.O.C.C. 92, dated 16 January 1873	" 3180
	330
Add Estimate for two privies	" 260
Total Rupees	590

7. The Plan and Estimate for the Privies have met with the approval of His Excellency the Commander-in-Chief.

I have the honor to be,
Sir
Your most obedient servant
Edward Lt. RE.
Inspecting Engineer

Trichinopoly District

Specification to accompany the Estimate for constructing and adding on, two Privies at one end of the Cook Room of the Staff Sergeants Quarters Cantonment No 6 No 92 dated 10th January 1873: to be built at Trichinopoly

The proposed Privies will be constructed of Plain Colour Uniburnt Bricks in the accompanying Plan Colour Washed inside & outside, and 8' high, and 8'x7½' with outer walls 1½ thick and 8' high to the Centre Wall 1½ thick and 8' high to the bottom of the Seats.

The foundation will be 3 ft deep throughout with offsets of 3" on each side the breadth varying according to the thickness of the superstructure; the outer Walls (marked A) being 2½' broad and the Centre or partition Wall 3'. The walls (marked B) need no foundation as there is a found ation already on the Basement of the outer Walls which will be 1½ broad and the Centre Wall 2' broad and 6" high, and the Seats 6" high, all to be built of Bricks

Materials best procurable.

The Roof to be Terraced as will be accompanying Estimate.

The floor of the Privies will be laid with a proportion of 1½ Sand to 1 Chunam with a proportion of ¾" thick, with a proportion of ½ Sand to

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P.W. 1873 Department
No. of Govt Order No. 5969.

No. 1378

From

The Inspecting Engineer
for Buildings,

To

The Secretary to Govt
P.W.D.

Enclo: 4 Estimates
No 2854. 20th Nov/73.

Dated 31st October 1873.
Recd. 1st November -.-

Submits for sanction a revised estimate of Rs 3510 for converting the old Cavalry Saddle rooms at Trichinopoly into Quarters for Departmental Staff Serjeants & another estimate of Rs 260 for building 2 Privies at one end of the cook room of the above quarters.

No 366
Rec'd 6 Oct, 3 Nov/73

to 1 Asphalte.

There will be one Door of Teakwood to each Privy. dimensions 3' 6" x 6' with frames &c Complete.

In the accompanying Comparative Statement it will be seen that the Windows which were of Country Woods, and Latten have been replaced by half glazed and half panelled (Teakwood) on the requisition of the General Commanding the Southern District.

James Stirling Major RE
District Engineer

Trichinopoly
District Engr Office
9th August 1870

P.S. It is desirable to have a Door to each Privy, to prevent the entrance of Dogs, and even cattle.

No 2854 Dll. Sept
1873

Proceedings of the Madras Government.

Under date the November 1873.

Read the following.

From the Inspecting Engineer
for Buildings.

(Here enter No 13780/31. Oct 1873)

His Excellency the
Governor in Council sanc-
tions the addition of
Rupees 590 to the Estimate
of Rupees 3180 for the con-
version of the old Cavalry
Saddle rooms at Trichinopoly
into quarters for four
Staff Serjeants, the excess
being due to insufficient
rates, anticipated lps by
Sale

Trichinopoly Dist.

Buildings in Letter No.
1378 Dt. 31st Oct 1873

No 2854 Dll.
Sept 1873

P.W. Sept 1873

Permission to
reconstruct Cavalry Cantonment
for a Battery Field Brigade
Abstract and Estimate
Rooms of the Staff
Sergeants Quarters
Amount Estimate Rs 260
Sept 1873

Copies forwarded

sale of materials and the provision of two privies. There seems no doubt as to the necessity of the proposed increase, but it is evident that the details of the original Estimate were not sufficiently scrutinized by the Superviding Officer before submission to Government.

The work should be completed during the current year in anticipation of the allotment of the balance (Rs 590) of the Estimate.

GWW

Dft submitted C. to all
h: 365 66.
27/11/73

L. Rd. 2 Nov 73

Rs 3180.
allotted in G.O. 1803 7/14 July 1873.

LO

To The Irrig Engr for Buildings
" " District Engr Trichinopoly
" " Controller.
15 " Military Dept

2 Dec

No 5969

Govt. of {1873} Madras.

PUBLIC WORKS.

To The Inspecting Engr for Buildings

Dated

Recd. Encl 3

G. O. 26 Nov 1873 No. 2854.

Nos. 365 to 366

Quarters for Staff Sergts.

Sanctioning the additional Rs 590 & the Estt. of Rs 3180 for the conversion of the old Cavalry Saddle Rooms at Richmond Lines into Quarters for Staff Sergts & directing that the work be completed during the current year.