M.R.O. 1—10,006—28-2-50.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No. / ~~B.P. No.~~ 190-191	1535	Press / ~~Mis.~~
Dated	11- 6-1874	~~195~~ .

Not to be folded or roughly handled

No. 190. 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., Chief Engineer, Public Works Department, dated Coonoor, 5th May 1874, No. 660:—

I HAVE the honour to forward three estimates for the undermentioned works, accompanied by plans and specifications, revised in accordance with your memorandum No. 21, dated 15th January 1874.

4 Plans
3 Estimates.
3 Specifications.
1 Letter.

	Rs.
I.—Estimate for constructing quarters, with out-houses, for two Staff Serjeants attached to the Body Guard lines	7,530
II.—Estimate for constructing Senior Apothecary's quarters, with out-houses, at do.	5,940
III.—Estimate for converting the present married quarters into a hospital at do.	400
Total...	13,870

2. The estimates have now been reduced from Rupees 16,755 to Rs. 13,870, by (a) providing palmirah couples, with two collar pieces, in lieu of teak-wood trusses, purlins, rafters, etc., in the main room; (b) plastering the interior and exterior of walls with one coat of shell-chunam instead of stone-lime to a height of 6 feet; (c) wood oil, instead of green paint to doors and windows; (d) and by omitting concrete under foundations entirely.

3. In the current year's budget a sum of Rupees 16,000 is allotted for the erection of hospital and Apothecary's quarters for the Body Guard lines, and in G. O., No. 2,976, dated 10th September 1869, an estimate of Rupees 16,000 was sanctioned for the first-named work. The District Engineer points out that if the estimate of Rupees 400, for converting the present Serjeant's quarters into a hospital, be sanctioned, the estimate for the hospital will not be required. There will then be a saving as shown below:—

	Rs.
Budget grant	16,000
Amount of estimate now submitted	13,870
Difference...	2,130

4. The District Engineer explains that, by an oversight in the matter of rates, brick in clay was adopted in the approximate estimate for these buildings. It would appear that, in computing the approximate estimate, the data afforded by the Ordnance lines in the esplanade (which were constructed of brick in clay) were inadvertently referred to, and that it was never contemplated to construct the work of brick in clay.

FROM Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, to Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, dated Fort St. George, 28th January 1874, No. 5,025.

WITH reference to your No. 78, dated 19th January 1874, calling for revised estimates for quarters in the Body Guard lines and explanation as to the cause of providing for brick in clay in the approximate estimate, I have the honour to report that brick in clay was estimated for through oversight in the matter of rates. It was never contemplated for one moment to construct the work of brick in clay, but in

2 Plans.
3 Estimates.
3 Abstracts.
3 Specification Reports.
10 Original documents (returned as requested).

computing the approximate estimate the data afforded by the Ordnance lines on the esplanade, which were constructed of brick in clay by order of the late Secretary to Government, Public Works Department, Colonel Orr, R.E., were inadvertently referred to. The fact that the buildings were of kutcha pucka masonry was overlooked.

2. The detailed estimates have now been reduced to Rupees 13,080, by providing palmirah couples with two collar pieces in lieu of teakwood trusses, purlins, rafters, etc., in the main room, and by having Bengal terraced verandahs supported on teakwood joists of smaller scantling. Plastering the interior of walls with one coat of chunam. Shell lime has been substituted for stone-lime, and wood oil for green paint to doors and windows, concrete has been entirely omitted.

	Rs.
1. Sergeant's quarters	7,300
2. Apothecary's do.	5,780
	13,080
Deduct approximate estimate...	10,600
Difference...	2,480

3. In the printed Budget of 1874-75, Item No. 3, a sum of Rupees 16,000 is entered for the construction of a hospital and Apothecary's quarters for the Body Guard lines, and in G. O., No. 2,976, dated 10th September 1869, a plan and estimate amounting to Rupees 16,000 were sanctioned for the first work.

	Rs.	Rs.
Budget Grant		16,000
Revised estimate for Staff Sergeants' quarters	7,300	
Apothecary's quarters	5,780	
and Hospital	400	
		13,480
Saving...		2,520

4. The estimate for the hospital will not be required if the estimate, amounting to Rs. 400, for converting the present Sergeant's quarters into a hospital be sanctioned.

5. Under these circumstances there will be an actual saving of Rupees 2,520 of the Budget grant.

No. 191. ORDER THEREON, 11th June 1874, No. 1,535.

MILITARY WORKS, No. 6.

His Excellency the Governor in Council sanctions the estimates submitted with this letter, aggregating Rs. 13,870, and directs that the excess of Rupees 2,130 provided for the works in the Budget be credited to the Reserve.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Presidency.
" Military Department.
" Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.

Spare Copies

No 480 of 1873-74.

Revised Specification report for adapting the present married quarters into a Hospital for the Body Guard to His Excellency the Governor.

Amount of Estimate Rupees 400—

This block of quarters contains 6 rooms with enclosed verandahs. It is now proposed at the instance of the Surgeon General Indian Medical Department, to open a large archway in the partition walls of the two pairs of end rooms, so as to convert each pair of rooms into one good ward, viz: one for the troopers at the east end measuring 29 1/2 feet by 19 feet and the other for the Camp followers at the west end 27 5/12 feet by 19 feet. The two centre rooms are to be appropriated, one as a Dispensary and one as an office, each measuring 13. 11 x 19 and 14. 4 x 19.

The Verandah partition walls to be entirely removed and pillars plastered with Chunam where necessary.

A door is to be opened in the troopers ward north side.

The whole building is to be white washed throughout

The present cook room will be improved by the erection of a fire place.

A store room will be converted into a bath room by asphalting the floor of a portion of it.

for Natives

The present latrine seats are to be removed and the building adapted

for Natives

Another small store room to be converted into a latrine for camp

followers.

The whole to be white washed.

Fort Saint George
28th Jany 1874

W Gracey Lt Col RE
Dist Engr Presy

Compd RE

Ground Plan of Proposed Barracks for Dublin Garrison 1873-74.

Plan of Musician Pensioners to accompany an Estimate for Erecting Musicians and Pensioners Quarters and Cook House for 2 Staff Sergeants attached to the 1st Regt Foot Guards of H.M. in Portobello Barracks Dublin.

Amount of Estimate Submitted £7,300

The Sergeants Quarters and Cook House are on the Standard design recommended by the Commissioners of Works.

The Staff Sergeants Quarters are contained in one block, each Quarter consists of one room 16 x 16 one 10 x 16, one bath room 10 x 10 and one 16 x 10 feet together with an area adjoining 28 x 10 feet wide. The heights of walls & roofs are similar to those of the Soldiers Quarters.

One Cook room to be built in each block

Four latrines to be built of brick in mortar each measuring 8' x 8' in the clear on a foundation of 2 feet deep by 2 1/2 feet average width.

The walls to be 10 feet high & 1 1/2 thick with brick walls in front and rear.

Two lamps of pattern shown 6 x 3 & 2 iron pillars 3 x 1 1/2 feet.

The lamps to be fixed off by means of iron pillars

The roofs slates & flats is to be similar to the Barrack Block

Lord Paul Gordon
28th January 1874

Colonel & Director of Engineer Works

Presidency District

Encld in a letter No 660
Dd 5th March 1874
J-0-ett 1535-11-6-74-
R.N. 2767/74
Pg Dft June/74
Fo 190

Specification to accompany Estimate for constructing Quarters and Out houses for the Staff Serjts attached to the Body Guard of His Excellency the Governor

Presidency Fort

Encld in a letter No 660
Dd 5th March 1874
1535
J-0-ett 11-6-74-
R.N. 2767/74
Pg Draft June/74
Fo 190

Specification to accompany Estimate for constructing Quarters and Out houses for Two Staff Serjts attached to the Body Guard of His Excellency the Governor

Estimate Rupees 7430

No 479 of 1873-74.

Detailed Specification report to accompany an Estimate for constructing quarters and out houses for the Senior Apothecary attached to the Body Guard of His Excellency the Governor.

Amount of Estimate Rupees. 5780

The Apothecary's quarters and out offices are on the standard design circulated by the Government of India

They comprise one room 16×16 and another 16×16 in the clear, and one verandah room of 16×16 feet and a Bath and a Dressing room 12×10 together with arcaded verandah in front and rear and to the North side of the building

The main walls to be raised 20 feet high and 2 feet thick on a foundation 6½ feet deep 3 feet thick at top and 3.6 at bottom.

The verandah walls to be 11.6 in height and 1.6 thick on a foundation 6½ feet deep 2.6 thick at top and 2 feet at bottom.

The roof of the main rooms will consist of Patenpeah couples of 2 collar pieces teak rafters flat and pan tiles and chunam borders.

The verandah joists to be 12×6×3 deodars and Deagal terraced throughout with Kowries of flat tiles, 1½ inches jelly ~~and 2 coats of plaster~~ plastered with 3 coats of chunam only to height of joist and sloping to the washing only above that height

The interior walls to receive one coat of chunam plaster. The floor will consist of 8 inches square bricks in chunam on a levelling course of 2nd sort small bricks underneath.

Eight pairs of large and 2 pairs of small panelled and Venetianed doors and 6 windows and 8 glazed attics with weather boards to be provided as shewn in the plan.

This building measures 12 feet long and 10 feet wide exclusive of the fire place and chimney the walls to be raised 8 feet and to be 1½ thick with a foundation of 3 feet deep and 2¾ feet average width.

The building is to be roofed in with Patenpeah couples of one collar piece teak rafters, flat and pan tiles and chunam borders. A teakwood batten door 6×4 & two windows 3.6×4' with iron bars complete to be supplied

This building will be 8×8 in the clear with foundation of 3 feet deep by 2¾ feet average width with brick & mortar: The walls to be 10 feet high and 1.6 thick with seven walls in front and rear, together with a teakwood door 6×3 and two iron gratings 3×1½.

The privy seats are to be screened off by means of Zinc partitions

The roof to be similar to the cook room

Fort Saint George
28th January 1874

Lt Col R.E.
Dist Engineer Presidency

No 5025.

From

Lieut. Colt. J. Goddard R. E.
District Engineer, Presidency.

To,

Colonel E. A. Yeard R. E.
Insptg. Engr. for B. & M. Buildings.

Sir,

With reference to your No 78 of 19th January 1874 calling for revised Estimates for Quarters in the Body Guard Lines, and explanation as to the cause of providing for brick-in-clay in the approximate Estimate I have the honor to report that, brick-in-clay was estimated for through over-sight in the inside Walls. It was never contemplated for the masonry to consist the work of brick-in-clay, but in compiling the approximate Estimates the data afforded by the Ordnance Lines on the Esplanade which were constructed of brick-in-clay by order of the late Secretary to Govt. M.P.W. Colonel C.E. R.E. were inadvertently referred to—

The fact that the buildings were of Pinteha Pucka masonry was overlooked.

2. The detailed Estimates have now been reduced Rs 3,050 by providing Palmyrah couples with two collar pieces in lieu of Sainwood tiepos, purlins, rafters &c in the main room, and by having Bengal tressed verandahs supported on Sainwood joists of smaller scantling. Plastering the interior of walls with one coat of chunam. Shell lime has been substituted for stone lime, and wood oil for green paint to doors and windows. Concrete has been entirely omitted.

Encls:
2. Plans.
3. Estimates.
3. Abstracts.
3. Specifications
Refer to—
(Returned as requested)

1. Sergeants Quarters — Rs 7,300
2. Apotheccary's — do — 5,750
13,050
Revised approximate Estimate 10,800
Difference Rs 2,250

3. In the printed Budget of 1874-75 item No 3, a sum of Rp 16,000 is entered for the construction of a Hospital and Apothecary's Quarters for the Body Guard Lines, and in G.O. No 2976 of 10th September 1869 a plan and Estimate amounting to Rs 16,000 were sanctioned for the first work.

4. The Estimate for the Hospital will not be required, if the Estimate amounting to Rp 1400 for converting the present Sergeants Quarters into a Hospital be sanctioned.

5. Under these circumstances there will be an actual saving of Rupees 2520 of the Budget Grant.

Budget Grant Rupees 16,000	
Revd Estr for Staff Sergts Qrs —	
Apothecary's Quarters	Rs 7,730
and Hospital — — —	5,750
	1400 13,480
Saving Rs —	2520

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

H. Jones Lt. R.E.
Divisional Engineer
Presidency.

Fort Saint George.
28. January 1874.

J.H.

2767

Govt. of 1874 Madras.

PUBLIC WORKS.

The Dy. Supr
Resy.

Dated

Rcd. Encl. 8

G. O. 11th June No. 1535

Nos. 190-191

Two Quarters for Warrant & Non Commissioned Officers of the Body Guard Madras.

Estimates amounting to Rs. 13,870 for the Quarters mentioned, and the excess Rs. 2130 provided for the same in the Budget under the credit of to the Revenue

From

The Exec. Engineer.

Presidency.

Dy. 11th June 74

To Engr. in Chief

The Sup. Engineer

for C.P.W. Buildings

Dated 28th January 1874

Rcd. 29

Encl. 21. No. 5025.

Forwards revised Estimates &c. for Quarters in the Body Guard Lines amt. Rs 13,080 — and explaining cause of providing for brick-in-clasp in the Abstract-

note Estimate &c. &c.

J-6-ejo 1535-11-6-74-

+ P.W. 2767/74.

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Engr. for Mun.