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M.R.O. 1—32 406—23-11-50

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2272, Press / Mis.

Dated 7—12—1857

Not to be folded or roughly handled

No. 69. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 27th November 1857, No. 5556.

SIR,

1. With reference to Extract Minutes of Consultation, No. 2400 dated 22d December 1856; I have the honor to forward Reports on 14 Estimates, prepared by the Chief Engineer Hyderabad, for constructing the following buildings for the European Artillery at Secunderabad, and for improving the Quarters of the Staff Serjeant's of the Horse Field Battery.

1 letter from the Qr. Mr. Genl. of the Army dated 6th June 1857, No. 1531.
14 Abstract Estimates.
4 Plans.

	Rs.
No. 1 Hospital	50,000
„ 2 Guard and Conicapillay's Store Room to do	10,200
„ 3 Serjeant's and Medical Pupil's Quarter to do	10,200
„ 4 Wards for Small Pox, to do	7,550
„ 5 Dissecting Room	2,790
„ 6 Punishment Cell	2,790
„ 7 Wards for Maniacs	2,790
„ 8 Privy for Hospital Guard	320
„ 9 Do. for Hospital Serjeant and Medical Subordinates	320
„ 10 Cookroom to Hospital	2,010
„ 11 Do. for Hospital Serjeant and Medical Subordinates	380
„ 12 Compound Wall to Hospital	2,780
„ 13 One range of Family Quarters for the Non-Commissioned Officers	31,000
„ 14 Double doors and windows to the Staff Serjeant's Quarters of the Horse Field Battery	370
Total Rupees	1,23,500

One lac, twenty-three thousand and five hundred.

2. Abstract Estimates are submitted shewing the particulars of work for each building.

REPORT No. 1.

Estimate for constructing a Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees (50,000) fifty thousand, as per accompanying Abstract.

The Centre building for the Dispensary &c., is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The principal and verandah walls, are to be 25 feet, and the verandah columns 20 feet in height.

The building is to contain 5 Rooms and 2 Verandahs.

3 Rooms each 20 × 20 feet
2 do do 10 × 20 feet.
2 Verandahs do 88 × 10 feet.

The buildings for Men's and Women's Wards are to be raised on basements of 3 feet in height above foundations, which are to be sunk 3 feet. The principal walls, are to be 22 feet, the inner verandah walls 17 feet, and the outer verandah walls, 13 feet in height.

The buildings are to contain 12 rooms with inner, and outer verandahs all round, 12 and 10 feet respectively in clear breadth.

1	Room	70 × 20 feet.
1	do	40 × 20 feet.
1	do	48 × 20 feet.
1	do	26 × 20 feet.
1	do	20 × 20 feet.
1	do	12 × 20 feet.
6	do each	12 × 12 feet.

The 4 passages and 2 Privies are to be raised on basements of 3 feet in height above foundations which are to be sunk 2½ feet. The side and cross walls are to be 13 feet in height.

The Privies are each to be 30 × 12 feet.
2 Passages each..... ..... 28 × 10 feet.
and 2 do do ... ... 30 × 9 feet.

The whole of the buildings are to have terraced roofs, the open verandahs to the Men's and Women's Wards only being tiled.

REPORT No. 2.

Estimate for constructing Hospital, Guard, and Conicapillay's Store Rooms &c., for the European Artillery at Secunderabad.

Amount of Estimate Rupees (10,200) ten thousand and two hundred, as per accompanying Abstract.

The building is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The principal walls are to be 22 feet, the inner verandah walls 17 feet, and the outer verandah columns 10 feet in height, supporting terraced roofs, that of the open verandah being tiled.

The building is to contain 8 Rooms surrounded by an open verandah 10 feet in clear breadth.

2 Rooms each 21 × 20 feet.
2 do do 12 × 20 feet.
4 do do 35 × 12 feet.

REPORT No. 3.

For constructing Hospital Serjeant's and Medical Pupil's Quarters, is similar to the above, the amount of the Estimate and Plan of building being the same.

REPORT No. 4.

Estimate for constructing a Ward for Small Pox and other infectious diseases in the new Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees (7,550) seven thousand, five hundred and fifty, as per accompanying Abstract.

The building is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The principal walls are to be 22 feet, the inner verandah walls 17 feet, and the outer column 10 feet in height, supporting terraced roofs, that of the open verandah being tiled.

The building is to contain 2 Rooms, with inner and outer verandahs all round, 12 and 10 feet respectively in clear breadth.

1 Room 20 Square.
1 do 12 do.

REPORT No. 5.

Estimate for constructing a Dissection Room to the Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees (2,790) two thousand, seven hundred and ninety, as per accompanying Abstract.

The building is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The principal walls are to be 17 feet, the verandah side and cross walls, 10½

and 14 feet, and the verandah columns 10 feet in height, the roof of the principal room is to be terraced, that of the verandah being tiled.

The building is to contain 2 Rooms with verandah all round, 10 feet in clear breadth.

1 Room 20 Square.
1 do 10 do

REPORTS NOS. 6 AND 7.

For constructing a Punishment Cell, and a Ward for Maniacs are similar to the above, the amounts of the Estimates and Plans of the building being the same.

REPORT No. 8.

Estimate for constructing a Privy for the Hospital Guard, attached to the Artillery Hospital at Secunderabad.

Amount of Estimate Rupees (320) three hundred and twenty, as per accompanying Abstract.

The building is to be raised on a basement of 1½ feet in height above foundations, which are to be sunk 3 feet. The walls are to be 12 feet, and the screen wall in front to be 8 feet high, with 2 feet of foundation. The roof is to be tiled.

The building is to contain 1 Room, 10 feet square.

REPORT No. 9.

For constructing a Privy for the Hospital, Serjeant and Medical Subordinates, is similar to the above, the amount of the Estimate and Plan of the building being the same.

REPORT No. 10.

Estimate for constructing a Cookroom to the Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees (2,010) two thousand and ten, as per accompanying Abstract.

The building is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The walls are to be 12 feet, and the enclosure walls in front to be 7 feet high, with 2 feet of foundation. The principal roof is to be tiled, the verandah roofs to be terraced, 5 Chimnies being provided for the cooking places.

The building is to contain 1 large room, with a space of 5 feet on either side, one for Fogaugs, and the other for a verandah, and an open space in front surrounded by walls as follows.

1	Large Room... ...	43 × 15 feet.
5	Rooms for Fogaugs	7½ × 5 feet each.
	Verandah...	43 × 5 feet.
	Open Ground.....	43 × 24 feet.

REPORT No. 11.

Estimate for constructing a Cookroom for the Hospital Serjeant, and Medical Subordinates &c., attached to the Artillery Hospital at Secunderabad.

Amount of Estimate Rupees (380) three hundred and eighty, as per accompanying Abstract.

The building is to be raised on a basement of 1½ feet in height above foundations, which are to be sunk 3 feet. The walls are to be 12 feet, and the screen wall in front to be 8 feet high, with 2 feet of foundation. The roof is to be tiled.

The Building is to contain 1 Room 15×10 feet.

REPORT No. 12.

Estimate for constructing a compound wall to the Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees (2,780) two thousand seven, hundred and eighty, as per accompanying Abstract.

The compound wall is to be raised 6 feet high on foundations, to be sunk 2 feet.

REPORT No. 13.

Estimate for constructing one range of Family Quarters for the Non-Commissioned Officers attached to the two Companies of European Artillery at Secunderabad.

Amount of Estimate Rupees (31,000) thirty-one thousand, as per accompanying Abstract.

The building is to be raised on a basement 3 feet in height above foundations, which are to be sunk 3 feet. The main walls are to be 20 feet, the verandah walls 12 feet, and the verandah Pillars 9 feet in height, supporting tiled roofs.

The building is to contain 28 Rooms, with an open verandah in front, and at the ends 10 feet in clear breadth.

10	Rooms	each	18 × 18 feet.
2	do	„	20 × 18 feet.
2	do	„	12 × 18 feet.
10	do	„	18 × 10 feet.
2	do	„	20 × 10 feet.
2	do	„	12 × 10 feet.

The buildings for Cookrooms, Wash Houses, and Privies, are to be raised on basements 2 feet in height above foundations, which are to be sunk 2 feet. The walls will vary in height from 9 to 14½ feet, the compound walls are to be 4 feet high, with 1½ feet of foundations. The roofs are to be tiled, with the exception of those of the Cookrooms, which are to be terraced, and provided with Chimnies.

The building altogether will contain.

36	Rooms	each	8 × 6 feet.
and 12	Passages	„	9½ × 3 feet.

REPORT No. 14.

For fitting up double doors and windows to the Staff Serjeant's Quarters of the Horse Field Battery.

Amount of estimate Rupees (370) three hundred and seventy.

3. The several Plans have received the approval of His Excellency the Commander-in-Chief, as expressed in the accompanying order No. 1531 dated 6th June 1857, and the Estimates which have been examined in the Central office are found to be prepared on moderate and sufficient data.

4. The Estimates having been called for by Government,* it does not appear that any opinion from me as to their disposal is required. I have only to add that, the delay in submitting them has been caused by the necessity of re-considering the Plan for the accommodation of the married Non-Commissioned Officers, and revising the Plan and Estimates for that building.

*Extract Minutes of Consultation No. 2400, dated 22nd December 1856.

No. 1531.

QR. MASTER GENERAL'S OFFICE,

Fort Saint George, *6th June* 1857.

Submitted the following letter to the Commander in Chief.

From the Chief Engineer Department Public Works, submits letter from Acting Superintending Engineer Northern Circle, No. 832 dated 2nd June 1857.

Submitting for the opinion and orders of the Commander in Chief, Plans and Estimates for constructing a Hospital, &c., for the Non-Commissioned Officers of the European Artillery at Secunderabad, as also for improving the Quarters of the Staff Serjeants of the Horse Field Battery.

His Excellency's order thereon.

The Commander in Chief approves of these several Plans.

(Signed) F. A. REID, Colonel,
Quarter Master General.

No. 70. ORDER THEREON No. 2272; dated 7th December 1857.

Ordered to be referred to the Military Department for consideration.

(Signed) H. FORBES,
Acting Secretary to Government.

No. 1531

QR. MASTER GENERAL'S OFFICE,

Fort Saint George,
6 June 1857.

Submitted the following letter to the Commander in Chief

From The Chief Engineer D.P.W. submits letter from Acg. Supg. Engineer Northern Circle.

No. 832 dated 2d June 1857

Submitting for the opinion and orders of the Comr in Chief Plans and Estimates for Constructing a Hospital &c for the Non Comd. officers of the European Artillery at Secunderabad and also for improving the Quarters of the Staff Serjeants of the Horse Artillery.

His Excellency's order thereon

The Commander in Chief approves of the several Plans.

H Mcm

L. M. G.

~~Qr. Master General~~

~~of the Army.~~

To

The Chief Engineer
D.P. Works.

Ex. 9.12.1

Central Office of P.W.D.
Fort St George 27th November 1837

No 5556

From
The Chief Engineer
To
The Secretary to Government
P.W.D. Department

Sir,

Military Hospital

1. With reference to Extract Minutes of Consultation No 2400 dated 22d December 1836, I have the honor to forward Reports on 14 Estimates, prepared by the Chief Engineer Hyderabad, for constructing the following buildings for the European Artillery at Secunderabad, and for improving the Quarters of the Staff Sergeants of the Horse Field Battery.

Enclosures 19
1 Letter from the Deputy Genl of the Army dated 6th June 1837 No 1531
14 Estimates 5 Plans

No 1.	Hospital	Rs 50000
2.	Guard and Convalescent Store Rooms to Do	10200
3.	Sergeants and Medical Pupils Quarters to Do	10200
4.	Wards for Small Pox to Do	7350
5.	Dressing Room	2790
6.	Punishment Cell	2790
7.	Ward for Maniacs	2790
8.	Privy for Hospital Guards	320
9.	Do for Hospital Sergeant and Medical Subordinates	320
10.	Cook Room to Hospital	2810
11.	Do for Hospital Sergeant and Medical Subordinates	380
12.	Compound Wall to Hospital	2780
13.	One range of Family Quarters for the Non Commissioned Officers	31000
14.	Double doors and Windows to the Staff Sergeants Quarters of the Horse Field Battery	370
	Total Rupees	123500

Dated

One Lac, twenty three thousand, and five hundred.

2. Abstract Estimates are submitted shewing the particulars of work for each building.

Report, No. 1

Estimate for constructing a Hospital for the European Artillery at Secunderabad.

Amount of Estimate, Rupees (50,000) Fifty thousand, as per accompanying Abstract.

The Centre building for the Dispensary &c. is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The Principal and Verandah Walls are to be 22 feet, and the Verandah Columns 20 feet in height.

The Building is to contain 5 Rooms and 2 Verandahs.

3 Rooms. each 20 × 20 feet
2 ___ Do. ___ Do. 10 × 20 feet
2 Verandahs. Do. 88 × 10 feet.

The Buildings for Mens and Womens Wards are to be raised on Basements of 3 feet in height above foundations which are to be sunk 3 feet. The Principal

principal walls are to be 22 feet. the inner Verandah Walls 17 feet, and the outer Verandah Walls, 13 feet in height.

The Buildings are to contain 12 Rooms with inner, and outer Verandahs all round 13 and 10 feet respectively, in clear breadth

1 Room 70 × 20 feet
1 Do 40 × 20 feet
1 Do 48 × 20 feet
1 Do 26 × 20 feet
1 Do 20 × 20 feet
1 Do 13 × 20 feet
6 Do each 12 × 12 feet.

The 4 passages and 2 Privies are to be raised on 2 Basements of 3 feet in height above foundations which are to be sunk 2½ feet. The side and cross Walls are to be 13 feet in height.

The Privies are each to be 30 × 12 feet
2 Passages each ___ 28 × 10 feet
and 2 ___ do ___ do ___ 30 × 9 feet

The whole of the buildings are to have terraced roofs, the open Verandahs to the Mens and Womens Wards only being tiled.

Report No. 2

Estimate for constructing Hospital, Guard and Conncopolies Store Rooms &c.

For

for the European Artillery at Secunderabad.

Amount of Estimate Rupees (10900) Ten thousand and two hundred, as per accompanying Abstract.

The Building is to be raised on a Basement of 3 feet in height above foundations which are to be sunk 3 feet. The principal walls are to be 22 feet, the inner Verandah Walls 17 feet, and the outer Verandah Columns 10 feet in height, supporting terraced roofs, that of the open Verandah being tiled.

The building is to contain 8 Rooms surrounded by an open Verandah 10 feet in clear breadth.

2 Rooms each 21 × 20 feet
2 Do Do 12 × 20 feet
4 Do do 35 × 12 feet

Report No 3.

For constructing Hospital Sergeants and Medical Pupils Quarters, is similar to the above. The Amount of the Estimates and Plans of building same.

Report No 4

Estimate for constructing an Ward for small Pox and other infectious diseases in the new Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees (7550) Seven thousand five hundred and fifty as per accompanying Abstract.

The Building is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The principal walls are to be 22 feet, the inner Verandah walls 17 feet, and the outer Columns 10 feet in height, supporting terraced roofs, that of the open Verandah being tiled.

The Building is to contain 2 Rooms, with inner and outer Verandahs all round, 12 and 10 feet respectively in clear breadth.

1 Room 20 Square
1 Do 12 do

Report No 5.

Estimate for constructing a Dissection Room to the Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees (2790) Two thousand, Seven hundred and ninety as per accompanying Abstract.

The building is to be raised on a basement of 3 feet in height above foundations, which are

are to be sunk 3 feet. The principal Walls are to be 17 feet. the Verandah side and cross walls, 10½ and 14 feet, and the Verandah Columns 10 feet in height. the roof of the principal room is to be terraced, that of the Verandah being tiled.

The Building is to contain 2 Rooms with Verandah all round 8 feet in clear breadth.

1 Room 20 Square
1 Do 10 Do

Reports Nos 6 and 7.

For constructing a Punishment Cell, and a Ward for Maniacs are similar to the above, the amounts of the Estimates, and Plans of the building being the same.

Report No 8.

Estimate for constructing a Privy for the Hospital Guard attached to the Artillery Hospital at Secunderabad.

Amount of Estimate Rupees 320/ Three hundred and twenty, as per accompanying Abstract.

The

The building is to be raised on a basement of 12 feet in height above foundations, which are to be sunk 3 feet. The walls are to be 12 feet, and the screen wall in front to be 8 feet high, with 2 feet of foundation. The roofs are to be tiled.

The Building is to contain 1 Room, 16 feet square.

Report No 9.

For constructing a Privy for the Hospital Sergeant, and Medical Subordinates is similar to the above, the amounts of the Estimates and Plans of the building being the same.

Report No 10.

Estimate for constructing a Cook Room to the Hospital for the European Artillery at Secunderabad.

Amount of Estimate Rupees 210/ Two Thousand and ten as per accompanying Abstract.

The building is to be raised on a basement of 3 feet in height above foundations, which are to be sunk 3 feet. The walls are to be 12 feet,

and

and the enclosure walls in front to be
7 feet high, with 2 feet of foundation.
The principal roof is to be tiled. The
Verandah roof is to be terraced. 5 Chimnies
being provided for the Cooking places.

The Building is to contain 1 Large
Room, with a space of 5 feet on either
side, one for Lascars, and the other for a
Verandah, and an open space in front
surrounded by walls as follows.

1 Large Room 43 × 15 feet
5 Rooms for Lascars 7½ × 5 feet each
Verandah — 43 × 5 feet
Open ground — 43 × 24 feet.

Report No 11.

Estimate for constructing a Cook room
for the Hospital Sergeant and
Medical Subordinates &c: attached
to the Artillery Hospital at
Secunderabad

Amount of Estimate Rupees
(380) Three hundred and eighty as per
accompanying abstract.

The Building is to be raised
on a basement of 1½ feet in height
above foundations, which are to be
sunk 3 feet. The walls are to be 13 feet,

and

and the Screen Wall in front to be 8 feet high,
with 2 feet of foundation. The roof is to be
tiled.

The Building is to contain 1 Room, 15 × 10 feet.

Report No 12.

Estimate for constructing a Compound wall
to the Hospital for the European Artillery
at Secunderabad.

Amount of Estimate Rupees (2780) Two
thousand seven hundred and eighty, as per
accompanying Abstract.

The Compound wall is to be raised
6 feet high, on foundations to be sunk 2 feet

Report No 13.

Estimate for constructing one range of
Family Quarters for the Non Commissioned
Officers attached to the Two Companies
of European Artillery at Secunderabad.

Amount of Estimate Rupees (31000)
Thirty one thousand, as per accompanying
Abstract.

The building is to be raised on a basement
3 feet in height above foundations, which
are to be sunk 3 feet. The main walls
are to be 20 feet, the Verandah walls
12 feet, and the Verandah Pillars 9 feet
in height supporting tiled roofs.

The Building is to contain 28 Rooms
with an open Verandah in front, and

at

at the ends 10 feet in clear breadth.

10 Rooms each 18 × 18 feet.
2 ——do—— " —20 × 18 feet.
2 ——do—— " —12 × 18 feet.
10 ——do—— " —18 × 10 feet.
2 ——do—— " —20 × 10 feet.
2 ——do—— " —12 × 10 feet.

The Buildings for Cook Rooms, Wash Houses, and Privies are to be raised on Basements 2 feet in height above foundations which are to be sunk 2 feet. The Walls will vary in height from 7 to 11½ feet. the compound Walls are to be 10 feet high, with 1½ feet of foundations. The roofs are to be tiled, with the exception of those of the Cook Rooms, which are to be terraced and provided with Chimnies.

The Building altogether will contain.

36 Rooms each 8 × 5 feet.
and 12 Passages — " —9½ × 3 feet.

Report No. 14.

For fitting up Double doors and Windows to the Staff Sergeants Quarters of the Horse Field Battery.

Amount of Estimate Rupees (370.)
Three hundred and seventy.

3.— The several Plans have received the approval of His Excellency the Commander in Chief, as expressed in the accompanying order

Order No. 1531 dated 5th June 1857, and the Estimates which have been examined in the Central Office are found to be prepared on moderate and sufficient data.

4.— The Estimates having been returned by Government, it does not appear that any further communication is required. It should be noted that the building in question has been recommended by the necessity of reconsidering the Plans for the accommodations of the Married Non Commissioned Officers, and revising the Plan and Estimates for that Building.

I have the honor to be

Sir,

Your most Obedt. Servant

Central Office of Ordnance
Fort St. George
27th November 1857

Wm. Faber Colonel
Chief Engineer

Copy

By Bullock Train
No. 21 dated
22nd Nov. 1857

Bo. vol 23. Dec. 56 Nos 136-137.

No. 69 & 70.

Public Works 1857 Despatch
Bengal Secret & Dec. 1857
No 2365.

From The Chief Engineer
To The Secretary to Government
P.W. & Establishment

Recd 27th November 1857.
Read 28th
Sent to the Govt. 70. Dec. 57 & Regd. in Letter Book

Sent to Mr. Grant
With reference to Govt. Commr. Cons: No 2400 dated 22nd December 1857 forwarding the Estimate & amounting to Rupees 123,500 for constructing certain buildings for the European Artillery at Secunderabad, and for improving the Quarters of the Staff Sergeants of the Horse Field Battery.—

No 2272 - 24th Dec.
Military order

No. 2272.

Ordered to be referred to the Military Department for consideration

Fort St. George
24 Dec. 1857

A Copy to the Engr. Dept. Chief Engr.