

MADRAS RECORD OFFICE.

Government of Madras.

Public **DEPARTMENT.**

G.O. No.

364

Press
Mis.

Dated

22-3-

19 1869

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Department,
22nd March 1869.*

No. 176. Read the following letter from Lieutenant Colonel J. BEAN, R. E., Executive Engineer in charge of the 4th Division, to the Secretary to Government, Public Works Department, Fort Saint George; dated Madras, 29th January 1869, No. 5166.

I have the honor to forward a reply to the Order of Government, paragraph 2, dated 22nd December 1868, No. 3998, directing me in communication with the Inspector General, Indian Medical Department, to submit a rough estimate of the cost of alterations and additions to the Mahal, built by the late Gholam Moortaza Khan, to adapt it for the purposes of a large Lock-Hospital.

One Memorandum from Dr. Mackenzie, dated 26th January 1869.
One Sketch.
Two Plans.

G. O., Public Department, dated 9th December 1868, No. 1512, paragraph 4.

2. I beg to enclose a Memorandum, dated 26th instant, drawn up by Dr. Mackenzie regarding the suitability of the Mahal and surrounding property for the purposes of such a Hospital, as well as a sketch of the ground and plans of the building prepared by the Secretary to the Sanitary Commission and myself.

3. The Inspector General, it will be seen, condemns the building, and on professional grounds I would not advise the purchase of the Mahal for the purpose of adapting it as intended.

4. Though the building in portions is substantially built, there are evident signs of the outer rooms having settled either from defective foundation or other causes, and this settlement has caused cracks to open out across the floors and at the corners of the rooms where the main and crosswalls join each other.

5. These defects are more perceptible on the eastern side, and I have shown the portion of the cracks in the larger plan of the Mahal.

6. A great portion of the structure, and from closer examination than I had means to give, it may be found that all the walls are built of brick-in-clay instead of in chunam. Should the building be altered to suit the purposes intended, I would advocate the removal of the outer rooms, thus reducing the limited accommodation that can now be afforded, and I need scarcely say that the cost of this, as well as of the addition of another floor and completion of the building on the north and east faces, could be better applied towards the construction of a new building.

7. Should the Mahal, with its surrounding out-offices and detached bungalow, be purchased as a site for a large Hospital, the timber available could be used for the new structure. I believe that the roof of the bungalow, however, should the building be retained as quarters for a Matron and Nurses, as proposed by Dr. Mackenzie, will require to be renewed.

No. 27.

Memorandum by the Inspector General, Indian Medical Department.

Having carefully examined the Mahal of His Highness Prince Azcem Jah, and the surrounding property, in order to ascertain their suitability for use as a Lock-Hospital, I beg to submit the following observations for the consideration of Government :—

1. The whole of the area shown in Colonel Bean's plan would be required.
2. With the removal of some of the inner walls of the compound this space would give sufficient room for a large Hospital and its necessary subsidiary out-houses.

*Proceedings of the Madras Government, Public Department,
22nd March 1869.*

3. The "Bungalow," situated in the centre of one of the court-yards, would, with a few slight alterations, serve as a residence for the Matron and Nurses.

4. All the other out-buildings, except those at the southern extremity of the enclosure, should be removed. The latter could, at little expense, be converted into store-rooms, out-offices for the Matron, and an Apothecary's dispensing room, &c.

5. The main building is unfinished. The whole form of the structure is faulty, and entirely unsuited to an Hospital; and the principle of its construction has been repeatedly condemned by all Sanitary Authorities.

6. The central hall is 27 feet in height, and at the regulated space of 60 superficial square feet, and 800 cubic contents, for each inmate, it should accommodate eighteen cots. Owing, however, to the number of doorways, it could not receive more than fourteen, or double that number, if it were divided by a floor into an upper and a lower apartment.

7. The several apartments ventilate into one another; and patients occupying the leeward wall of the western side of the building at its widest part would have to breathe air contaminated by passing over nine cots, supposing one row of these to run along the eastern and western sides of each ward, and in no other way could the patients be accommodated.

8. The accompanying plan, showing the details of the Mahal as regards the relative size and position of all the rooms, has been prepared by Dr. Montgomery, whom, in the absence of the Sanitary Commissioner, I associated with myself in the inspection; and who, at my request, also computed the accommodation which the building is capable of affording. He fully concurs in considering it unfit for Hospital purposes.

FORT SAINT GEORGE,
26th January 1869.

(Signed) W. MACKENZIE, M. D.,
Insp r. Genl., Indian Medl. Dept.

Transferred to the Public Department, with reference to the Order in that Department, No. 1512, of the 9th December 1868.

FORT SAINT GEORGE,
2nd February 1869.

(Signed) C. A. ORR, Colonel, R. E.,
Secy. to Govt., P. W. D.

No. 177. ORDER THEREON, 22nd March 1869, No. 364.

In their Order, No. 1512, dated 9th December 1868, the Government, with a view to its being hereafter necessary to establish a large Lock-Hospital for the use of Native patients, directed that inquiries be made, through the Government Agent, Chepauk, as to the price at which the Mahal at Triplicane, built by the late Gholam Moortaza Khan, could be purchased; and that a rough estimate be made in the Department of Public Works, in communication with the Inspector General, Indian Medical Department, of the alterations and additions required to adapt this building as an Hospital.

2. From the reports above recorded, it is observed that the Inspector General, Indian Medical Department, considers that the whole area of the Mahal should be taken up for the Lock-Hospital premises, one bungalow and some of the out-buildings being utilized for the Matron's house and store-rooms.

3. The main building, the Mahal, which is in an unfinished state is condemned by Doctor Mackenzie as totally unsuited, from its structure, for conversion into an hospital, and he is supported in this view by the Sanitary Commissioner. The unnecessarily lofty central hall is ill-adapted for a ward from its numerous doorways, and in its present state would, at the regulated standard of space, accommodate only fourteen cots. If it is divided into an upper and lower story, it would accommodate twenty-eight. The other apartments are equally ill-designed, and are objectionable as ventilating into each other.

*Proceedings of the Madras Government, Public Department,
22nd March 1869.*

4. The Superintending Engineer states that "though the building is in portions substantially built, there are evident signs of the outer rooms having settled either from defective foundation or other causes, and this settlement has caused cracks to open out across the floors and at the corners of the rooms where the main and crosswalls join each other." "A great portion of the building is of brick and clay, not brick and chunam. The outer rooms would have to be removed and the alterations would prove in the end unsatisfactory and more expensive than a new building. Should the site be selected, and the property purchased, the timber would be available for a new building."

5. Before arriving at any decision on the subject, His Excellency the Governor in Council resolves to appoint a Committee consisting of the Inspector General, Indian Medical Department, the Sanitary Commissioner, and Colonel Bean, the Superintending Engineer, 4th Division, to report upon—

1st.—The best form of construction for a Lock-Hospital for 250 Native women.

2nd.—The area required for this hospital and its subsidiary buildings.

3rd.—What sites, the property of Government, are available; and the Committee will be able to obtain this information from the Collector of the Madras District.

4th.—Failing any sites, the property of Government, what other sites combining economy and a healthy locality are available for purchase, or for being taken under the Act.

6. The Government Architect, Mr. Chisholm, will also be associated with the Committee in view to the preparation of a plan and estimate of a suitable building for a Lock-Hospital.

(True Extract).

Chief Secretary.

To the Inspector General, Indian Medical Department.

„ Sanitary Commissioner.

„ Public Works Department, with two plans and a sketch.

„ Collector of the Madras District.

Through the
Ceylon
Engineers
Southern
Range).

Memorandum
By the Inspector General of the
Dep.

35

Having carefully examined
the Mahal of His Highness Prince
Azim Jah, and the surrounding
property, in order to ascertain their
suitability for use as a Lock Hospital,
I beg to submit the following
observations for the consideration
of Government.

1. The whole of the area shown in
Colonel Bean's plan would be
required.

2. With the removal of some
of the inner walls of the compound
this space would give sufficient
room for a large Hospital and
its necessary subsidiary out-houses.

3. The Bungalow situated in
the centre of one of the Court-yards
would, with a few slight alterations,
serve as a residence for the Matron
and Nurses.

4. All the other out-buildings,
except those at the Southern Ex-
trinity of the enclosure, should be
removed. The latter could, at little
expense, be converted into pre-rooms,
out offices for the Matron and
an Apothecary's dispensing room.

5. The

Govt. of 1869 Madras.

PUBLIC.

THE INSPECTOR GENERAL,

INDIAN MEDICAL DEPARTMENT,
Secy. to Govt. of Madras.

Dated March 22nd.

Recd.

Encl.

G. O. 22nd March 1869. No. 364.

MARCH.

Nos. 176-177.

Appointing a Committee to report upon cer-
tain points in regard to the construction of a large
Lock Hospital for Native women.

5 The main building is unfinished. The whole form of the structure is faulty and entirely unsuited to an Hospital; and the principle of its construction has been repeatedly condemned by all sanitary authorities.

6. The central hall is 27 feet in height, - and at the regulated space of 60 superficial square feet, and 800 cubic contents, for each inmate, it should accommodate 18 cots. - Owing however to the number of door-ways, it could not receive more than 14; - or double that number, if it were divided by a floor into an upper and a lower apartment.

7. The several apartments ventilate into one another; and patients occupying the leeward wall of the western side of the building at its widest part would have to breathe air contaminated by passing over nine cots; supposing one row of these to run along the eastern and western sides of each ward, - and in no other way could the patients be accommodated.

8. The accompanying plan, shewing the details of the illahat as regards the relative size and

74
and position of all the rooms, has been prepared by Dr. Montgomery, whom, in the absence of the Sanitary Commissioner, I associated with myself in the inspection; - and who at my request also computed the accommodation which the building is capable of affording. He fully concurs in considering it unfit for Hospital purposes.

Office of Inspt. Genl.
Civil and Milit. Depart.
Fort Saint George
26th January 1869

H. MacKenzie Esq.

Inspector General
Indian Medical Depart.

N^o 5166.

Superintendent Engineer's Office
4th Division Madras
29 January 1869.

X9

From

Lieut. Colonel J. Bean R.E.
Executive Engineer in charge 4th Div.

To
Colonel C. A. Orr R.E.
Secretary to Government M.D.

Sir,

Enclosures 4

- 1 Memo: from D^r Mackenzie dated 26th January 1869.
- 1 Sketch.
- 2 Plans

G.O. Public Dept.
dated 9th Decr 1868
N^o 1512 para 4

I have the honor to forward a reply to the Order of Government paragraph 2, dated 22nd December 1868 N^o 3998, directing me in communication with the Inspector General Indian Medical Department to submit a rough estimate of the cost of alterations and additions to the Mahal built by the late Gholam Moortaza Khan to adapt it for the purposes of a large Lact Hospital.

2. I beg to enclose a Memoranda dated 26th instant drawn up by D^r Mackenzie regarding the suitability of the Mahal and surrounding property for the purposes of such a Hospital, as well as a sketch of the ground and plans of the building prepared by

Mr. 3957/69

Recd 22nd March 1869
In Act 30/69/68

by the Secretary to the Sanitary Commission and myself.

3. The Inspector General it will be seen condemns the building and on professional grounds I would not advise the purchase of the Mahal for the purpose of adapting it as intended.

4. Though the building in portions is substantially built there are evident signs of the outer rooms having settled either from defective foundation or other causes, and this settlement has caused cracks to open out across the floors and at the corners of the rooms where the main and cross walls join each other.

5. These defects are more perceptible on the eastern side and I have shown the portion of the cracks in the larger plan of the Mahal.

6. A great portion of the structure, and from closer examination than I had means to give it may be found that, all the walls are built of brick in clay instead of in Chumam. Should the building be altered to suit the purposes intended, I would advocate the removal of the outer rooms, thus reducing the limited accommodation that can now be afforded, and I need

scarcely say that the cost of this, as well as of the addition of another floor and completion of the building on the North and East faces, could be better applied towards the construction of a new building.

7. Should the Mahal with its surrounding out offices and detached bungalow be purchased as a site for a large Hospital, the timber available could be used for the new structure. I believe that the roof of the bungalow, however, should the building be retained as quarters for a Matron and Nurses, as proposed by Dr. Mackenzie, will require to be renewed.

I have the honor to be

Sir,

Your most Obedient Servant

Reverend Sir R. E.

Executive Eng. in charge, 1st D.

13
 I am very sorry to hear
 of your illness and hope
 you will soon be able to
 resume your duties. I am
 very anxious to see you and
 to hear of your recovery.
 I am, Sir, very respectfully,
 Your obedient servant,
 J. H. P. [Signature]

to. 4. Oct 1868. A. 61-62
 H. H. 22-23-24-25-26-27-28-29-30-31-32-33-34

hidelyd April.

to the Secretary to the
 Public Department
 21st Dec 1868. A. 61-62
 H. H. 22-23-24-25-26-27-28-29-30-31-32-33-34

to the Secretary to the
 Public Department
 21st Dec 1868. A. 61-62
 H. H. 22-23-24-25-26-27-28-29-30-31-32-33-34

Transferred.

to the Secretary to the
 Public Department
 21st Dec 1868. A. 61-62
 H. H. 22-23-24-25-26-27-28-29-30-31-32-33-34

to the Secretary to the
 Public Department
 21st Dec 1868. A. 61-62
 H. H. 22-23-24-25-26-27-28-29-30-31-32-33-34

to the Secretary to the
 Public Department
 21st Dec 1868. A. 61-62
 H. H. 22-23-24-25-26-27-28-29-30-31-32-33-34

12/1
I am sorry to hear
that you are
leaving for the
check. I am
in fine spirits
and I am
I am sure
to the top of the
hospital. I am
afternoon. I am
three weeks pasted in

15
and what is
more very
pleasant
to be permitted
to be in a
as possible with
the
kindness
I am sure
H. H. H. H. H.

Public Department.

Memorandum for Orders.

In their Order

No 1512, dated 9th Decr 1868,

the Government, with a view to its being hereafter

necessary to establish a large

Lock Hospital for the use

of Native patients, directed

that inquiries be made

through the Government

Agent, Chhap, as to the

price at which the mahal

at Triplicane, built by the

late Gholam Moortaza

Khan, could be purchased,

and that a rough estimate

be made by the Department

Public Works, in communication with the Inspector

General, Indian Medical

Department, of the alterations

and additions required

in adapting this building

as an Hospital. The

enclosed

I think that the
house is sufficient
as an hospital
and is adapted

Yes. I don't give
I shall like that
the present premises
is Black Mahal
the very building
may have sufficient
it is a great expense
to erect it.

enclosed papers contain
the report of Colonel Bean
and Dr Mackenzie on
the building in question.

2. Dr Mackenzie
considers that the whole
area of the Mahal should
be taken up for the Lock
Hospital premises. One
Bungalow and some of
the out buildings can
be utilized for the
matrons' house and
store rooms.

3. The main building,
the Mahal, which is in
an unfinished state, is
condemned by Dr Macken-
zie as totally unsuited,
from its structure, for
conversion into an Hospital,
and he is supported in
his view by the Sanitary
Commissioners. The
unnecessarily lofty central
Hall is ill adapted for
a ward from its numerous
doorways, and in its
present

present state would, at
the regulated standard
of space, accommodate
only 14 cots. If it is divided
into an upper and lower
story it would accom-
modate 28. The other
apartments are equally
ill designed and are
objectionable as ventilating
into each other.

4. The report of the
Engineer Officer is un-
favorable to the building.
He says, "Though the build-
ing is in portions substan-
tially built, there are
evident signs of the
outer rooms having
settled either from defective
foundation or other causes,
and this settlement has
caused cracks to open
out across the floors
and at the corners of the
rooms, where the main &

"cross walls join each other."

"A great portion of the building is of brick and clay, not brick and chunam. The outer room would have to be removed, and the alterations would, ~~involuntarily~~ ~~be~~ ~~involuntarily~~ prove in the end uneconomical and more expensive than a new building. Should the site be selected and the property

5. I have ascertained that the mahal is the property of His Highness Azem Jah. It is mortgaged to Venkateswami Naidoo and can be purchased for Rs 50,000. The site is excellent, for, although it is in the middle of the Mahomedan part of the Town, it is spacious, very private, and is well exposed to the prevailing winds. But Rs 50,000 is a large sum to pay for the site of a hospital,

Should the site be selected and the property purchased the timber would be available for a new building.

hospital, which, if built on the pavilion plan, (or improved shed principle such as the new home gas choultry wards) should not cost more than 70 or 80,000 Rs. I venture to suggest that, before a decision is passed, a Committee consisting of J. Whackenzie and Ranking, and Col. Bean, should be appointed to report to Government.

1st The best form of construction for a Lock Hospital for 250 Native women.

2nd The area required for this hospital and its subsidiary buildings.

3rd What sites the property of Government are available. If this they can ascertain in communication with the Collector of Madras.

4th Failing any sites, the

the property of Government,
what other sites com-
bining economy and
a healthy locality are
available for purchase,
or for being taken under
the Act.

~~Mr~~ The Government
Architect, Mr. Chisholm,
may also, with advantage,
be associated with the
Committee for the
preparation of a plan
and estimate.

With this information
before them the Govern-
ment will be in a
position to report to the
Government of India,
and request sanction
for the necessary ex-
penditure. MB

Public Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following letter *from the*
Executive Engineer in charge
of the 4th Division
(Here enters 29/Jan/69 ghos 1869)

Order thereon No 384 - 22 March/69.

In their order No 1572
dated 9 Decr 1868, the Govt,
with a view to the being here
after necessary to establish
a large Lock Hospital for
the use of Native patients,
directed that inquiries be
made, through the Govt
Agent Chepauk, as to the
price at which the hospital
at Triplicane, built by the
late Ghulam Karama
Khan could be purchased;
and that a rough estimate
be made in the Dept of
Public Works, in communi-
cation with the Insp- Genl
Indian Med- Dept of the
Alterations

and additions required to adapt this building as an Hospital. -

2. From the report above recorded, it is observed that the Inspector Genl, Indian Medical Dept, considers that the whole area of the Mahal should be taken up for the Govt Hospital premises, one bungalow and some of the out buildings being utilized for the Secy. Genl's house & store rooms. -

3. The main building - the Mahal - which is in an unfinished state is condemned by Dr. MacKenzie as totally unsuited, from its structure, for conversion into an hospital, and he is supported in this view by the Sanitary Commissioner. The unsuitability of the Central

Central Hall is ill adapted for a ward from its numerous doorways, and in its present state and at the regulated standard of space, accommodate only 14 cots. If it is divided into an upper and lower story, it would accommodate 28. The other apartments are equally ill designed and are of less value as ventilating into each other. . . .

4. The Superintendent Engineer states that "though the building is as far as is substantially built, there are evident signs of the outer portion having settled either from defective foundation or other causes and this settlement has caused cracks to open out across the floor and at the

Architect Dr. Fisher,
He also be associated
with the committee in
view to the preparation
of a plan & estimate
of a suitable building
for a Lock Hospital.

To
His Inspector General
Indian Med. Dep.
" - Sanitary Commis.
" - Public Health Dep.
" - Collector of ^{with 2 plans & sketches} ~~the~~ ^{of the} ~~building~~ ^{building}
Delm.

