

(1) Number of pages 12
(2) Date of repair 7-4-43
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. <u>1629.</u>	Press Mis. —
<u>680-691.</u>	
Dated <u>31-5-</u> 18 <u>67.</u>	

Not to be folded or roughly handled

10

*Proceedings of the Madras Government, Public Works Department,
31st May 1867.*

No. 690. Read the following letter from the Acting Superintending Engineer, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 20th May 1867, No. 877 :—

1. With reference to Order of Government No. 3,958, dated 15th December 1866, I have the honour to report on the measures proposed to fit the Commissariat Godowns on the criminal side of the Grand Jail for the reception of stores.

Two Plans.

2. The papers connected with the subject were handed over to me last week when I took charge of the Division.

3. It would appear that the floors of these godowns are below the ordinary level of the surrounding ground, and are subject to be flooded in heavy rains by the water of the main drain in Black Town, discharging into the sea at Clive's Battery, and which stands back and enters the Jail through the gratings. I cannot ascertain why the fact was not made apparent at the time the estimates were framed, but it cannot be gainsaid that with six or seven days' continued rain, the water stands for some inches in depth in the court-yard, and in heavy floods in the godowns themselves of the Jail, as the only exit is through the gratings into the drains in connection with the Black Town main drain, which itself is much swollen at such times and does not discharge until the flood subsides.

4. Having this information before him last monsoon, Colonel Boileau directed the Executive Engineer to take a series of levels from the Jail to various points, such as to Cochrane's canal, to the Cooum river, and to the sea, in order to ascertain if the storm water could be discharged otherwise than through the main drain, and Captain Goddard has been engaged on this duty in the interval. One result of his observations is the series of levels shown in the plans accompanying this report, taken in the immediate neighbourhood of the Jail, and it is clear that there is no means of discharging the surface water when several days of continued rain is experienced.

5. The Superintending Engineer further directed that an estimate should be framed for closing the under-ground drains, and constructing surface V shaped drains. This was prepared, and the cost of the work would amount to Rupees 450; but I do not perceive its utility, as discharging the surface drainage into the drains in connection with the main drain just beyond the walls of the buildings will not do away with the difficulty, in fact will not prevent the water standing in the Jail, until the Black Town main sewer discharges freely into the sea.

6. As this measure fails, the most natural remedy which presents itself is to raise the floors of the godowns, and I beg to recommend it for adoption. It is by no means a perfect remedy, for though the floors by this means may be kept dry, there is no way, without raising the pavement, of draining the court-yards on each side of them, and the Commissariat Officers may object to valuable stores being placed in the godowns under these circumstances. A large expenditure, however, has taken place, and the trial, I think, should be made at the cost of three or four thousand Rupees, rather than abandon the Jail.

7. Captain Goddard reports that the cost of raising the floors, if laid on brick on edge, will probably amount to Rupees 3,500, but I believe more than this will be required, as objection has already been taken to the size of the doors, which are

not

Proceedings of the Madras Government, Public Works Department,
31st May 1867.

only six feet six inches high, and if the floors are raised one foot, it will be necessary to take them out and replace them by much larger apertures.

8. I have carefully inspected the Grand Jail this morning, and I have not thought it desirable to prepare plans and estimates, delaying further this report, until I have ascertained the orders of Government on the subject. If the measures proposed are adopted, the estimate can be framed without delay.

No. 691. ORDER THEREON, 31st May 1867, No. 1,629.

MILITARY WORKS, No. 44.

As it appears, from the sections submitted with this letter, that the floors of the godowns on the criminal side of the Grand Jail are little above the level of flood water in Cochrane's canal at some distance, and are below the level to which storm water rises in the adjoining Black Town main drain, it is clearly impossible to provide an outfall for the drainage of those godowns during heavy and continuous rains. The only means by which their floors can be protected from being flooded at those times is the raising of them in the manner proposed by the Acting Superintending Engineer, and Colonel Bean will accordingly take measures for expediting the submission of the requisite estimates.

(True Extract.)

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

To the Superintending Engineer, 4th Division.
.. Military Department.
.. Controller of Public Works Accounts.

Exd. S. T. Augustin.

N^o 877

Supg. Engineer's Office & Dur
Madras. 20 May 1867.

From

Lieut Colonel J. Bean R.E.
Actg. Supg. Engineer & Division

To

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

With reference to Order of Govern-
ment N^o 3958 dated 15 December 1866,
I have the honor to report on the mea-
sures proposed to fit the four main
godowns on the criminal side of the
Grand Jail for the reception of stores.

2. The papers connected with
the subject were handed over to me last
week when I took charge of the Division.

3. It would appear that the
floors of these godowns are below the ordi-
nary level of the surrounding ground
and are subject to be flooded in heavy
rains by the water of the main drain in
Black Town, discharging into the sea at
Flies Battery, and which stands back
and enters the jail through the gratings.
I cannot ascertain why the fact was

not

not made apparent at the time the estimates were framed, but it cannot be gainsaid that with six or seven days continued rain, the water stands for some inches in depth in the Courtyard, and in heavy floods, in the godowns themselves, of the Jail, as the only exit is through the gratings into the drains in connection with the Black Town main drain ^{which} itself is much swollen at such times and does not discharge until the flood subsides.

4. Having this information before him last Monsoon, Colonel Borden directed the Executive Engineer to take a series of levels from the Jail to various points, such as to Fochran's Canal, to the Gomti River, and to the Sea, in order to ascertain if the storm water could be discharged otherwise than through the main drain, and Captain Goddard has been engaged on this duty in the interval. One result of his observations is the series of levels shown in the plans accompanying this report, taken in the immediate neighbourhood of the Jail and it is clear that there is no means of discharging the surface water when several days of continued rain is experienced.

Experienced.

5. The Superintending Engineer further directed that an Estimate should be framed for closing the under ground drains, and constructing surface V shaped drains. This was prepared, and the cost of the work would amount to Rupees 450, but I do not perceive its utility, as discharging the surface drainage into the drains in connection with the main drain just beyond the walls of the buildings, will not do away with the difficulty, in fact will not prevent the water standing in the Jail, until the Black Town main sewer discharges freely into the Sea.

6. As this measure fails, the most natural remedy which presents itself is to raise the floors of the godowns and I beg to recommend it for adoption. It is by no means a perfect remedy, for though the floors by this means may be kept dry, ^{without raising the pavements} there is no way of draining the front yards on each side of them, and the Municipal Officers may object to valuable stores being placed in the godowns under these circumstances. A large expenditure, however, has taken place and the trial I think should be

be

he made at the cost of three or four thousand
- sand rupees, rather than abandon the
Jail -

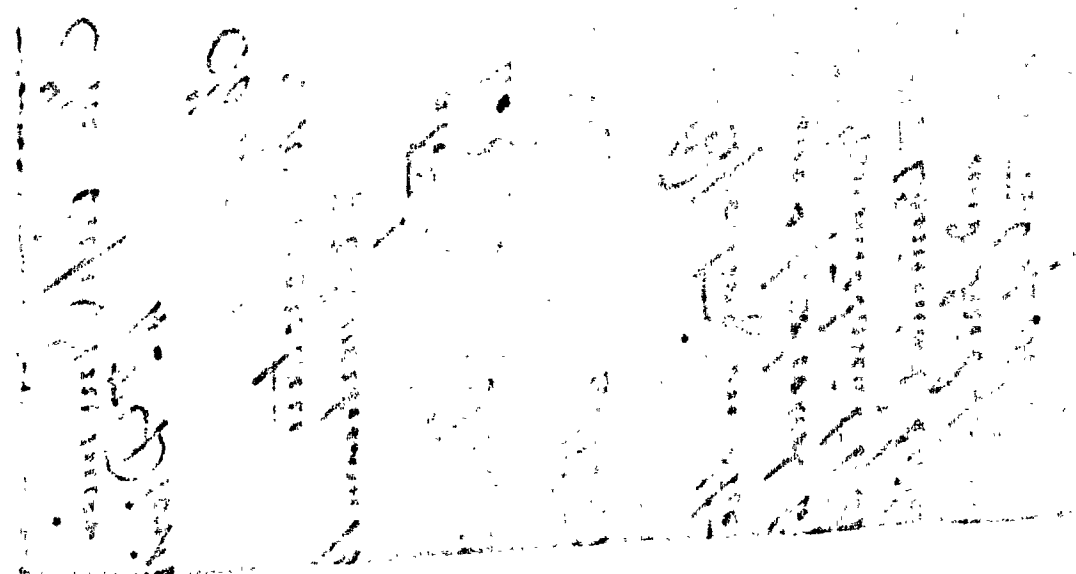
7. Captain Goddard reports that
the cost of raising the floors if laid on
brick on edge will probably amount to
Rupees 3500, but I believe more than
this will be required, as objection has
already been taken to the size of the
doors which are only 6' 6" high, and
if the floors are raised one foot, it
will be necessary to take them out
and replace them by much larger
apertures.

8. I have carefully inspected
the Grand Jail this morning, and
I have not thought it desirable to
prepare plans and Estimates, delaying
further this report, until I have as-
certained the order of Government
on the subject - If the measures pro-
posed are adopted, the Estimates
can be framed without delay.

I have the honor to be
Sir,

Your most obedt Servant

Reed Lieut Col. R.S.
Asst. Commr. Jail



c. 24th May 1867 Q. 277

No. 690

(P)

Reporting on the
measures proposed to fit
the Communal godowns
in the Criminal side of
the Grand Jail for the
reception of other stores
etc. 1629-31st May 1867

dated 20th May 1867
No. 203
Dec: 2
1867

To the Secretary
to Government
dated 20th May 1867

The Supt Engineer
4th Division
1867

Public Works No 1629
1867

Proceedings of the Madras Government.
Under date 31st May 1867

Read the following

From the Supt Engineer of the
1st Div

(Here enter 20th May 1867)

N.
J.
W.

As it appears, from
the sections submitted
with this letter, that the
floors of the godowns
on the Criminal side
of the Grand Jail are
little above the level of
flood water in Cochrane's
Canal at some distance,
and are below the level
to which storm water
rises in the adjoining
Black Town main
drain, it is clearly
impossible to provide
an out fall for the
drainage of those
godowns during heavy
and continuous rains.

The only means by which their floors can be protected from being flooded at those

times is the raising
of them in the manner
proposed by the Acting
Superintending Engineer,
and Colonel Bean
will accordingly take
measures for expediting
the submission of the
 requisite estimates -

To
9 The S. Prop 4th District
7 Kelly Dept
4 Controller - S

Two flames

30 Des^r. 1/6/67
4

1607

The Supg. Engrs.
of the 1st Division requested
to submit estimates for the
drainage of the floors of
Godowns (Commissariat)
at the Grand Jail.

13 690-691

Ex-246 May 1967 Q. 27