

(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.	1297	Press
B.P. No.		Mis.
112-113.		
Dated	8 5 -	1873 .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th May 1873.*

No. 112. 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 Chopauk, 5th April 1873, No. 349 :—

I HAVE the honour to forward, for the sanction of Government, a revised estimate
of Rupees 5,350, accompanied by a plan,
for repairing the lower filter at the Ulsoor
Rock at Bangalore.

1 Plan.
1 Estimate.

2. The estimate has been prepared in accordance with the instructions
contained in the Order of Government of the 17th of March, No. 832. The new
floor is to be 9 inches in thickness, consisting of two courses of brick on edge,
under which there will be 9 inches of concrete resting on 18 inches of
laterite gravel. The estimate also provides for a separate masonry channel from
this filter to the pure water basin. The cost will be 440 Rupees, but I must
observe that the culvert now in use is quite able to carry off the water as quickly
as it can be delivered from either of the filters or from both.

3. The trench that was excavated in January along the inner side of the
wall has been already partly filled in with puddle, and if an inner concrete wall
is considered unnecessary the trench will be entirely filled with the same material
to within 3 feet of the level of the floor. I have however provided in the esti-
mate for a concrete wall, but of less thickness than was at first intended. I still
consider this wall essential, not from any doubt of the soundness of the floor about
to be laid, but because the excavation recently made has shown that the foundation
of the filter wall is a very bad piece of work which should not be allowed to
remain in its present state. By omitting the concrete wall the estimate can be
reduced 800 Rupees, but I do not think it advisable, while incurring a large outlay
for renewing one portion of the filter, to leave untouched another part which may
before long give way and cause the destruction of the entire work.

No. 113. ORDER THEREON, 8th May 1873, No. 1,297.

MILITARY WORKS, No. 3.

His Excellency the Governor in
Council accepts the assurance of the
Inspecting Engineer for Buildings that
an additional vent for the filter at Bangalore is unnecessary, and sanctions the
execution of the remaining work estimated to cost Rupees 4,900.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

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

Exd. S. T. Austin

No 349

From

Office of the Inspecting Engineer
in Civil & Military Buildings
Chennai 5 April 1873

Colonel D. A. Ford R.E.
Inspecting Engineer in
Civil & Military Buildings

To

Colonel G. M. Walker R.E.
Secretary to Government M.D.

Sir,

I have the honor to forward for
the sanction of Government a revised
estimate of Rs 5350 accompanied by
a plan for repairing the lower filter at
the Alwar rock at Bangalore.

2. The estimate has been prepared
in accordance with the instructions contained
in the order of Government of the 17th
of March No 832. The new floor is to
be nine inches in thickness consisting
of two courses of brick on edge under
which there will be nine inches of con-
crete resting on eighteen inches of
latent gravel. The estimate also pro-
vides for a separate masonry channel
from

Enclosures
1 Plan
1 Estimate

from this filter to the pure water basin.
The cost will be 4400 rupees but I
must observe that the culvert now in
use is quite able to carry off the water
as quickly as it can be delivered from
either of the filters or from both.

3. The trench that was excavated
in January, along the inner side of the
wall, has been already partly filled
in with puddle, and if an inner con-
crete wall is considered unnecessary,
the trench will be entirely filled with
the same material to within 3 feet of the
level of the floor. I have however pro-
vided in the estimate for a concrete wall,
but of less thickness than was at
first intended. I still consider this
wall essential, not from any doubt
of the soundness of the floor about the
land but because the excavation
recently made has shown that the
foundation

foundation of the filter wall is a very
bad piece of work which should
not be allowed to remain in its present
state. By omitting the concrete wall
the estimate can be reduced 800 rupees
but I do not think it advisable,
while incurring a large outlay for re-
moving one portion of the filter, to leave
untouched another part which may,
before long, give way and cause the
destruction of the entire work.

I have the honor to be
Sir
Your Most Obedient Servant

E A Mord Colonel R &
Inspecting Engineer for Civil
Works. Bangalore

222
The end of the world

Carried over 2235

Quantity Description of work Rate Per Amount Total

Brought over 2235

4168 cft of Brick in
Portland Cement } 6 cft 1568

55.57 sqft of Plastering
with cement } 12 " " 667

4465

Sundries at 10 percent 445

Total Rupees 4710

Drain from Filter to
Pure Water Basin

18 cft of Dismantling " 2 cft 1

3278 " of Excavation " 1/2 " 26

1064 " of Foundation

stone in chunam " 26 " 166

308 " of Brick in
chunam " 29 " 53

340 " of Arch work
brick in chunam " 4 " 85

Carried over 331 4910

Quantity Description of work Rate Per Amount Total

Brought over 331 4910

64 sqft of Plastering
with two coats } 12 " " 68
of chunam

299 cft of Filling in
with earth } " " 7

62 " of Concrete floor " 33 " 13

419

Sundries 21

Total Rupees 440

Grand Total Rupees 5350

W. Engg. Office
Bangalore
April 1873

W. Engg. Office
Bangalore
April 1873

EA and Colonel R.E.
Inspecting Engineer for
Civil & Military Buildings.

To the Honble Secy
 of the Govt of Madras
 For the purpose of
 procuring a quantity
 of 1000 lbs of
 Portland Cement
 for the purpose of
 repairing the
 water tank at
 the Government
 Hospital at
 Bangalore
 Dated 3rd April 1903
 J. B. S.

Not quite certain
 that the best workman
 ship attended in the
 chiselling wall may
 not bring the question
 again before us in a
 more state than
 it presents itself at
 I am for taking
 proper care against
 failure in future & should
 not think of leaving the concrete
 lining to the chiselling wall
 caused out of

His Excellency the
 Governor in Council ac-
 cepts the assurance of
 the Inspecting Engineer
 for Buildings that an
 additional vent for the
 filter at Bangalore is
 unnecessary. And he
 remarks that Colonel
 Poorel has failed to show
 cause for the necessity
 of a concrete lining to
 the wall - Striking out
 these two items Rs 4,000
 remain for the construction
 of a water tight floor;
 which it is trusted that
 the District Engineer

J. B. S.

of Bangalore will
finally succeed in
constructing - Funds
are made available
from the Reserve under
Military -

G.M.W.

This is entirely a matter
for personal opinion. I
should be disposed, so far
as I can judge, to accept
the recommendation of
the Inspecting Engineer, as
he has repeatedly urged
so in view of the modern
extra cost of the concrete
lining - M.E.

R. 12-13.

R. 17 April 173

R. 17

Letter to
Bangalore

To The Ins. Engr. for Bangalore
Dist. Engr. Bangalore
M. E. Dept.
Controller P. & A.

Nº. 1299

His Excellency the
Governor in Council
accepts the assurance
of the Inspecting Engi-
neer for Buildings
that an additional
vent for the Filter at
Bangalore is neces-
sary and sanctions the
execution of the remain-
ing work estimated
to cost Rs. 4900-

G.M.W.

To The Ins. Engr. for Buildings
Dist. Engr. Bangalore
M. E. Dept.
Controller P. & A.
16-5-73.

C/2222



Est. of 1873
PUBLIC WORKS.

The Inspecting Engineer for
Buildings

Index

Part 1

Part 2

to S. S. Leary, Esq. 1297

Vol. 112 & 113

Fishes at Bangalore.

Paying orders on
letter from the Inspecting
Eng. for Buildings
Submitting estimate
for the repair of the
Fishes at Bangalore.