

(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.	1635.	Press
B.P. No.		Mis.
324 to 327		
Dated	23. 4.	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23rd June 1873.*

Read the following papers:—

No. 324. Endorsement of the Inspecting Engineer for Civil and Military Buildings, dated Chepauk, 14th March 1873, No. 254.

From Captain H. M. VIBART, R.E., District Engineer, Bangalore, to Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, dated Bangalore, 11th March 1873, No. 998.

I HAVE the honour to forward for sanction an estimate of Rupees 700, with specification, for constructing V shaped drain in front of the north range Married Quarters, and a stone drain in front of west range European Infantry Barracks, Bangalore.

2. The Military Authorities called for the estimate on the ground that the drainage is faulty on the west side, and that it should be improved. On the north the V drain is also required to be continued the whole length of the range of Married Quarters.

3. The work has been approved of both by the Officer Commanding the Division and His Excellency the Commander-in-Chief.

1 Estimate.
1 Specification.

THE estimate of Rupees 700, received with the above letter, is submitted to Government for sanction.

(Signed) E. A. FOORD, Colonel, R.E.,
Inspecting Engineer for Civil and Military Buildings.

No. 325. 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 Chepauk, 4th April 1873, No. 337.

WITH reference to your memorandum No. 111, dated 21st March 1873, I

1 Plan.

have the honour to forward herewith a block plan of European Infantry Bar-

racks (now called the Parade Barracks) at Bangalore, showing the existing and proposed systems of open drain.

No. 326. From the same Officer, dated Bangalore, 12th May 1873, No. 482.

I HAVE the honour to inform you, in reply to your memorandum of the 3rd of May, No. 161, that the drain B H

1 Plan.

in the accompanying plan falls into the

main sewer, the contents of which are not discharged into the Ulsoor Tank, but are taken through the tank by means of a masonry tunnel.

No. 327. ORDER THEREON, 23rd June 1873, No. 1,630.

MILITARY WORKS, No. 9.

AN estimate for drains at the Parade Barracks at Bangalore, amounting to Rupees 4,580, and sanctioned in

G. O., No. 715, of 6th March, was previously referred to the Inspecting Engineer

Proceedings of the Madras Government, Public Works Department,
23rd June 1873.

for Buildings for remark, and returned by him with the statement that he had not found it necessary to make any alterations in the papers. It has therefore been with some surprize that His Excellency the Governor in Council has found himself called on to sanction Rupees 700 more for additional drains to the same barracks on an estimate bearing a date only a few days later than that of the Inspecting Engineer's report. The amount is passed and will be hereafter provided when funds are available; but Colonel Foord will understand that when references are made to him he is expected to go thoroughly into all details, and to make the Government aware of the full extent of the probable demands that will be made on them on account of the subject so referred.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

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

Exd. S. T. Austin.
Spare Copies.

Revised Estimate of the probable
Cost for Constructing a drain in front of
the North Range of Married ^{2nd} and a Stone drain
in front of the West Range of Married ^{2nd} European
Infantry Barracks prepared agreeably to the
specification received from the ^{Off^r} ^{2nd} Lt. General
M. D. 19 date 17th January 1873.

Quantity	Particulars	Rate	Amount	Total
240	ft of ∇ drain 12" in depth and 12" in breadth	6	1440	
680	do of Stone drain in front of West Range of Married ^{2nd}	12	8160	
9000	sq ft of Forming a Road in front of North Range of Married ^{2nd} Quarters	8	72000	
20	ft of Lab Stones 6' x 1 1/2' x 4 1/2'	14	280	
			865-8	
	Chandies		34-8	
	Total Estimate Rupees		700	

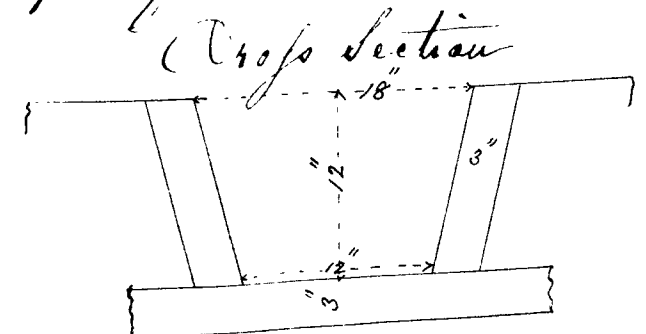
H.C.
Dist^l Eng^g Office
Bangalore
27th Feb^y 1873
cc. Lell
Hurry about
District Engineer Bangalore
Edmd Colonel R.E.
Inspecting Engineer for
Civil & Military Buildings.

From W. 1712/73
 The District Engineer
 Bangalore
 To The Chief Engineer
 Madras
 Dated 6th March 1873
 Recd. Enclosure in a letter
 of 25.2.73 dated 1873
 Revised estimate
 for constructing
 drain in front of
 the North range of
 Married Dr. & a
 drain in front of the
 West range of Married
 Dr. & C. Infy Bks.
 Amounting to
 Rupees 700--

Specification to accompany
 Estimate for Constructing & drain in
 front of the North range of Married Dr.
 and a stone drain in front of the West
 range of Married Dr. European Infantry
 Barracks.

Amount of Estimate Rupees 700--
 The Stone & drain will be built
 in continuation of the present & drains in
 front of the North Block of Married Dr.
 and will be let into the main drain at
 the East end.

A catch drain will be built in
 front of the West Block of Married Dr.
 The flooring and side staves are
 not to be less than 3" in thickness. Set in & the
 the joints raked out and pointed with
 lime putty.



The Road will be made in
 front of the West range of Married Dr.
 from

29/2/73

from the latrines to the North Block
of Married No 12 in breadth having a rise
in the Centre of 9'-in the centre

All materials used and work done
to be of the best description and subject
to the approval of the District Engineer
of Bangalore who shall have the
entire power of ordering the removal
of any work with which he is dissatisfied.

Murphy V. V. V. V.

(Captain R.E.)

District Engineer
Bangalore
27th Feb 1873

District Engineer Bangalore

H. C.

Edmond Colonel R. E.
Inspecting Engineer for
Civil & Military Buildings.

— Barrowmore —

Enclosure in a letter No.
254 of 14 March 73.

P.W. 1-12/73.

Specification to accompany
Estimate for constructing
drain in front of the North
Range of Married No 12 & a stone
drain in front of the West Range of
Married No 12 European Infantry
Barracks.

Amount of Estimate Rs 700.

115-
No 998

From

District Engineer's Office
Bangalore 11 March 1873

The District Engineer
Bangalore

To

The Inspecting Engineer
for Civil & Military Buildings

Sir

I have the honor to forward for sanction an estimate of Rs 700 with specification for constructing V shaped drain in front of the Nath Range named Quarters and a stone drain in front of West Range European Infantry Barracks Bangalore.

2. The Military Authorities called for the estimate on the ground that the drainage is faulty on the West side and that it should be improved. On the North the V drain is also required to be continued the whole length of the Range of named Quarters.

3. The work has been approved of both by the Officer Commanding the

the Division and his Excellency the
Commander in Chief.

I have the honor to be

Sir

Your most Obedient Servant

(Signed) A M Vibart Captain R.E.
District Engineer Bangalore.

No 254

The Estimate of Rs 700 received
with the above letter is submitted to
Government for sanction.

Enclosures 2
1 Estimate
1 specification

Office of the Inspector
In Civil Engrg. Bangalore
Chepauk 14 March 73

Edw. M. Colwell R.E.

Inspecting Engineer
In Civil Engrg. Bangalore

To

The Secretary to Govt.

PW Dept.

Memorandum

(With reference to the letter from the
 Inspecting Engineer for Buildings, dated 14th
 August, 1870, the Chief Engineer has the honor
 to inform that proposals of the nature therein
 mentioned to be illustrated for the information
 of Government by a block plan showing the
 existing system of open drains which the
 estimates submitted are intended to supplement.
 Colonel Walker requests Colonel Gordon
 to inform upon the subject Engineers the
 necessity for such conformity in future to
 Article 73 of Chapter V of the Code.

21st March 1871.

Signed / C. M. Walker C.E.
 Chief Engineer 21st Sept 71

20th 2nd Inspecting Engineer for
 Civil & Military Buildings

20th 1871 2nd Inspecting Engineer

21st 2nd Inspecting Engineer

21st 2nd Inspecting Engineer

P. 111

1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

21st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

Submitted for Government
 of 1870 with specimens
 from the construction of
 drains in front of the
 range house & quarters &
 as also shown in front of
 the 1870 range house.
 Submitted for Government
 of 1870. 28th 1870.

1871

Ch. Engin. No. 111
21/3/73

12337

Office of the Inspecting Engineer for
Civil and Military Buildings
Chikan. 11 April 1873.

Colonel Esq. (Forwd. P.E.)
Inspecting Engineer for Civil
and Military Buildings

Colonel. G. W. Walker P.E.
Chief Engineer -
G. W. Department.

Sir,

With reference to your Memorandum, 12/11, dated 21st Jan. 1873, I have the honor to forward herewith a Black Plan of European Infantry Barracks, (now called the Parade Barracks) at Bangalore, showing the existing and proposed systems of open drain.

I have the honor to be,
Sir,

Your Most Obedient Servant
Ed Ford C.E. P.E.

Inspecting Engineer for
Civil and Military
Buildings

Enclosure,
Plan

The Chief Engineer has the honor
 to request information as to the outfall of the
 large drain marked Bx on the accompanying
 tracing (to be returned). Whether it is led clear
 of the M. & C. R. R. and if not, what expedient
 should be resorted to for its diversion
 from that passing, into which it does not
 appear desirable that Barnwell Drains
 should be allowed to discharge their contents.
 An early reply is requested.

Ordered
 3rd May 1873
 To the Inspecting Engineer for
 Railways
 J. H. Walker Esq. R.E.
 Chief Engineer L.M.R.

30 21 Minute 1/3 30 11 1/2

P. M. 1873 Report

From No 2191.

The Inspecting Engineer
 for Railways

The Chief Engineer

1873

at 1873

Attest
 1873

Inspector

The
 Inspector
 of the
 L.M.R.
 has the honor
 to request
 information
 as to the
 outfall of
 the large
 drain marked
 Bx on the
 accompanying
 tracing (to be
 returned).

4-325.

Memo

Drains completed

GHI has drain

Drains sanctioned and under construction

BX Large open drain

Drains sanctioned but not yet commenced

AB Box and V drain

KL do

Drains for which estimates submitted for sanction

CD Box drain

E.F V drain

No more drains it is believed will be required

The drains colored blue have been constructed some time

Edmond Col R?
Respecting Eng'

Madar
26 April / 73 }

impl. statement by Col. Ford
of all drains at the
Parade Barracks Bangalore
Refined by the Secretary to Govt
2nd May 1873

N^o 482

Office of the Insps. Engineer
for Civil & Military Buildings
Bangalore 12 May 1873.

From

Colonel C. A. Ford R.E.
Inspecting Engineer for
Civil & Military Buildings

To

The Chief Engineer
Public Works Department

Enclosure
1 plan

Sir, I have the honor to inform you
in reply to your Memo of the 3^d of
May, N^o 161, that the drain B No.
in the accompanying plan falls
into the main sewer, the contents
of which are not discharged into
the Uloor Tank, but are taken
through the tank by means of a
masonry tunnel.

I have the honor to be

Sir

Yours most Obedt. Servant.

C. A. Ford Colonel R.E.
Inspecting Engineer for
Civil & Military Buildings

20/1630 P.W.D.
 Prov. of the Madras Govt.

Read the following:-
 From the Inspecting Engineer for Buildings (No. 354 of 14 March/73)
 No. — do — (No. 337 of 4 April/73)
 No. — do — (No. 482 of 12 May/73)

An Estimate for
 Drains at the Parade
 Barracks at Bangalore,
 amounting to Rs 4,580,
 and sanctioned in G.O.
 No. 415 of 6th March, was
 previously referred to the
 Inspecting Engineer for
 Buildings for remark,
 and returned by him
 with the statement
 that he had not found
 it necessary to make
 any

A.E.


P.W.D. 1873 20th Feb 73
 From the Inspecting Engineer
 for Buildings
 No. 2916

By the Chief Engineer
 P.W.D.

No. 123 of 11 May/73
 Filed 14/5/73

In order to
 conforming that the
 drain 13X in the drain
 forming a low path
 into the drain down
 the contents of which
 are to run thro' the tank
 by means of a masonry
 conduit.

No. 1030-23 dated 1/73

No. 1030-23 dated 1/73

No. 1030-23 dated 1/73

any alterations in the
papers. It has therefore
been with some surprise
that His Excellency the
Governor in Council has
found himself called
on to sanction Rs 400
more for additional
drains to the same
Barracks on an esti-
mate bearing a date
only a few days later
than that of the Inspecting
Engineer's report. The
amount is passed
and will be hereafter
provided when funds
are available; but
Colonel Ford will
understand that when

We are not realizing
from our Insp. Engineer
the Buildings yet!

MC

references are made to him
he is expected to go
thoroughly into all de-
tails and make the
Government aware of
the full extent of the
probable demands that
will be made on them
on account of the subject
so referred. G.M.W.

I Engr for Rep
of Bangalore
Controller
in & Dep't

Despatch 20/4/23

1/2 1/2 12, 2 1/2 1 4 1/2 1 1/2

The Inspecting Genl of
Genl & Military
Buildings

4
22nd June 1630.

224 (1632)

James O. de Bouché,
Comptroller General of
the Navy, London.
The 224 for a list of buildings,
connected with the Navy Co.

2324-27.