M.R.O. 1—10,006—28-2-50.

(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.	3590B	Press	
~~B.P. No.~~		~~Mis.~~	
Dated	19-12-	1874	~~195~~

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
19th December 1874.

No. 433D. Read the following letter from Captain J. W. HINDLE, Officiating District Engineer, Vizagapatam, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Rambudrapooram, 6th December 1874, No. 1,721:—

I HAVE the honor to submit, herewith, copy of a letter and its enclosures received from the Executive Engineer of No. 2 Range reporting on the drainage of the Native Infantry lines at Vizianagram, and to request you will be good enough to have the necessary orders issued for commencing the work at once in anticipation of the estimate being sanctioned, as it is of an emergent nature.

1 Copy of letter, No 1,154, of 25th November 1874, from the Executive Engineer.
1 Copy of letter, No. 50, of 22nd August 1874, from Surgeon-Major, 12th Regiment, Madras Native Infantry, to Officer Commanding 12th Regiment, Madras Native Infantry.

2. The survey, levels, and estimate referred to in the Executive Engineer's letter have not yet been received in this office. He has been requested to expedite the despatch of the same.

From K. F. [illegible]ORDMANN, Esq., Executive Engineer, Vizianagram, to Captain J. W. HINDLE, Officiating District Engineer, Vizagapatam, dated Vizianagram, 25th November 1874, No 1,154:—

I HAVE the honor, herewith, to submit a survey* of part of the Vizianagram Cantonment and levels showing the proposed outlet of the drainage, together with an estimate amounting to Rupees 1,000, for leading the drainage away from the lines of the 12th Regiment Native Infantry.

* Handed over to Draughtsman to complete.

2. Since the new stone drains were built in the lines, the sewage no longer stagnates, and percolates into the ground on the spot where it is deposited as it did formerly, but all the sewage from the several drains now gravitates to the lowest level. There it stagnates close to the lines (point A. on the survey), and threatens to cause sickness in the place. Another smaller mass of sewage stagnates near the old Range Office. A portion of the sewage finds its way to the tank, the water of which it pollutes; but the greater part remains seething and emitting pestilential vapours, half way between the lines and the tank.

3. To obviate this evil, it is proposed to lead the drainage from the low part where it at present accumulates (marked A. on the plan) through the fields to a nullah. Although the nullah falls into the tank, the sewage will not ordinarily reach the tank, except during heavy rains which will tend to make the sewage innocuous. There is no better place to be found near to lead the sewage to, and the prevailing winds do not blow from this quarter.

4. The subject was brought to the notice of the Regimental Authorities by the Medical Officer in charge, copy of whose report I enclose; and the Officer Commanding the Regiment called for remedial measures, which are now provided for in the estimate.

5. The wind shifted to the east yesterday and caused such a sickening smell throughout the lines and the cantonment, that Doctor Parker told me this morning he was afraid of cholera breaking out, if some steps were not taken immediately to dispose of the sewage. The matter is, therefore, one of great importance and emergency. Under these circumstances, I would propose that orders be issued to commence the work at once, in anticipation of the estimate being sanctioned.

6. Survey, levels, and estimate are in the Draughtsman's hands, who should have them ready by the 27th instant; I cannot wait for them, as I have to go to Jeypore.

Proceedings of the Madras Government, Public Works Department,
19th December 1874.

From Surgeon-Major C. R. G. PARKER, 12th Regiment, Madras Native Infantry, to the Officer Commanding 12th Regiment, Madras Native Infantry, dated Vizianagram, 22nd August 1874, No. 50.

I HAVE the honor to bring to your notice a large collection of liquid filth at the foot of the hill on which the lines are built, filling up the trench by the side of the road which leads to the town.

2. This is the result of all the surface drainage of the lines being now conducted by stone water-courses to this spot and left to accumulate there; a state of things, in my opinion, most objectionable sanitarily, and a constant source of danger to the health of the regiment.

3. I would beg to suggest that means should be taken as early as practicable to carry the drainage under the road in question, and by a channel to let it flow away to a distance from th road and the lines, otherwise very serious sickness may result.

No. 433E. ORDER THEREON, 19th December 1874, No. 3,590B.

MILITARY WORKS, No. 13.

THERE is no alternative now but to order the emergent execution of the work necessary to complete the system of surface drainage in question. But Major Beatty will be called on to account for the imperfect manner in which he appears to have worked it out originally. And District Engineers will be cautioned not to send in proposals for such work without proper surveys and levels, and without the full concurrence of the local Medical Officers.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Vizagapatam.
To Superintending Engineers.
,, District Engineers.
To the Executive Engineer, Wynaad.
,, Military Department.

Exd. E. C. Shunker.

Spare Copies

Executive Engineer's Office
Vizianagram 25th Novr 1874

No. 1152

From
The Executive Engineer, Vizianagram

To
The Offg District Engineer, Vizagapatam

Sir,

I have the honor herewith to submit a survey of part of the Vizianagram Cantonment, and levels shewing the proposed outlet of the drainage, together with an Estimate amounting to Rs 1000, for leading the drainage away from the lines of the 12 Regiment N.I.

× handed over to Draughtsman to complete

2. Since the new stone drains were built in the Lines, the sewage no longer stagnates, and percolates into the ground on the spot where it is deposited, as it did formerly, but all the sewage from the several drains now gravitates to the lowest level. There it stagnates, close to the Lines (point A on the survey) and threatens to cause sickness in the place. Another smaller mass of sewage stagnates near the old Range Office. A portion of the sewage finds its way to the tank, the water of which it pollutes, but the greater part remains, seething and emitting pestilential vapours. Half way between the Lines and the Tank.

3

3. To obviate this evil, it is proposed to lead the drainage from the low part, where it at present accumulates (marked A on the plan) through the fields to a Nullah. Although the Nullah falls into the Tank, the sewage will not ordinarily reach the tank, except during heavy rains which will tend to make the sewage innocuous. There is no better place to be found near, to lead the sewage to; and the prevailing winds do not blow from this quarter.

4. The subject was brought to the notice of the Regimental authorities by the Medical Officer in charge, copy of whose report I enclose; and the Officer Commanding the Regiment called for remedial measures, which are now provided for in the estimate.

5. The wind shifted to the East yesterday and caused such a sickening smell throughout the Lines and the Cantonment, that Dr Parker told me this morning, he was afraid of Cholera breaking out, if some steps were not taken immediately to dispose of the sewage. The matter is therefore one of great importance and emergency. Under these circumstances I would propose that orders be issued to commence the work at once, in anticipation of the Estimate being ~~sanctioned~~ 5/ 3/

6. Survey, levels and Estimate are in the Draughtsman's hands, who should have them ready by the 27th instant. I cannot wait for them, as I have to go to Seypore

I have &c

(Sd) H. F. Nordmann
Executive Engineer

/ True Copy /

M Whistler Captain
Offg District Engineer
Vizagapatam

Compd
S.H.S.

O.W. 1852/71.

1

D.O. No 433 Dated 24 Aug 71.

No. 50 Vizianagram August 22, 1871.

7

To

The Officer Commanding
H.M. 12th Regiment M.N.I.

Sir,

I have the honor to bring to your notice a large collection of liquid filth at the foot of the hill on which the Lines are built, filling up the trench by the side of the road which leads to the Town.

2. This is the result of all the surface drainage of the lines being now conducted by stone water courses to this spot, and left to accumulate there; a state of things in my opinion most objectionable sanitarily, and a constant source of danger to the helth of the Regiment.

3. I would beg to suggest that means should be taken as early as practicable to carry the drainage under the road in question, and by a channel to let it flow away to a distance from the Road and the lines; otherwise very serious sickness may result.

I have &c.

(Signed) C.R.G. Packer
Surgeon Major 12th Regt. M.N.I.

(True Copy)

W. Windle Captain
Offg. District Engineer, Vizagapatam

P.W.D. 1852/74.
2
Offg Dist Engr Vizag
Dr 11 Dec 1874
No 1721 dated 9th Dec 1874

No 1721

District Engineers Office
Camp Ramabadrapuram 9th Decr 1874

From

Captain J. W. Hindle
Offg. District Engineer
Vizagapatam

To

Colonel G. W. Walker R.E.
Secretary to Government P.W.D.
Madras

Sir,

I have the honor to submit herewith copy of a letter and its enclosures received from the Executive Engineer of No 2 Range reporting on the Drainage of the Native Infantry lines at Vizia-nagram and to request you will be good enough to have the necessary orders issued for commencing the work at once in anticipation of the Estimate being sanctioned, as it is of an emergent nature.

The Survey, Levels, and Estimate referred to in the Executive Engineers Letter have not yet been received in this Office. He has been requested to expedite the despatch of the same.

I have the honor to be
Sir
Your most Obdt. Servant

W. W. Hindle Captain
Offg. Dist Engineer Vizagapatam

8th Departt.

Proceedings of the Madras Govt.

Read the following:-

From the District Engr.
Vizagapatam } (R. E. Do. 1721 of 6th Dec. 74)

G.O No: 3570 of 19th Decr 1874

There is no alterna-
tive now but to order
the emergent execution
of the work necessary
to complete the system
of surface drainage in
question - But Major
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imperfect manner
in which he appears
to have worked it out
originally - And Dis-
trict Engineers will
be

MB 18/12 S.N.

From Lt. Col. Fenwick R.E.
Offg. Chief Engineer
To The District Engineer
Vizagapatam

Dated 6th December 1874.
Received 14th December 1874.
No. 2.

Sir,

With reference to Government Order No: 3530 B. 15-12-74. I submit copy of a letter from the Executive Engineer Gen'l 2 Division, reporting on the damage done to the Station Infantry Lines by the late heavy rains, and requesting to know the necessary orders should be issued for commencing the work in anticipation of the Estimate being sanctioned.

I am Sir
Your obedient Servant
Offg 4th Dec 74

Lr. 18-12-74

be cautioned not to send in proposals for such work without proper Surveys and Levels, and without the full concurrence of the local Medical officers.

Govt.

D. E. Vizagapatam ✓

Mas. Desp. 12/12/74.
S. Capris desp. 12/1/75.

To Supt Engineers ✓
" Distt Do ✓
" Exec. Engr. Wynaad ✓
" Military Dept ✓

Desp. 12/1/75.

4330 — 4330

1832/34

Govt. of 1874 Madras.

PUBLIC WORKS.

To

Mr. Asst. Engr.
Vizagapatam

Dated

Recd. Encl. 2

G. O., 19 Dec. No. 3579

Nos. 433-438.

Mr. Mitchell Peers.

Native Infantry Lines
at Vizianagram The
emergent execution of the
work necessary to complete
the ~~surface~~ system of sur
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