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(1) Number of pages 10
(2) Date of repair 24.7.88
(3) Initials of the Referencer lay

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. D. DEPARTMENT

G.O. No.	1887 W	Press.
~~B.P. No.~~		Mis.
Dated	4-8-1884	~~197~~

Handwritten signature

Not to be folded or roughly handled

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4TH AUGUST 1884, No. 1887 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Lieut.-Colonel P. MONTGOMERIE, R.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaisheram, 18th July 1884, No. 227 G.N.:—

In forwarding, herewith, copy of a joint report by the telegraph master and the Ganjam division officer at Berhampore on the lightning conductors attached to the military powder magazine at that station, I have the honor to report, with reference to paragraph 1175 of the Public Works Code, that the division officer sent in an estimate of Rs. 435 for the alterations proposed, and which estimate I have returned to him approved.

2. I have applied to the Officer Commanding the Eastern District for the necessary allotment of funds, so that the work may be put in hand without delay.

ENCLOSURE.

We have examined the lightning conductors attached to the powder magazine at Berhampore and found them as follows:—

1. That part of the conductor forming the connection between the rod and the ground on one side does not end in a rope-chain and should either be disconnected with the ground altogether or have a chain-rope rivetted and soldered to the conductor leading (as at the other end) into the ground.

2. That part of the conductor forming the connection between the rod and the ground is exposed and neither rivetted nor soldered to the conducting rod, but simply passes through the rod loosely. We consider this highly objectionable on electrical ground, and that it makes the whole conductor next to useless. The conductor leading into the ground should be both rivetted as well as soldered to the rod.

3. The iron chain attached to the rod should not be exposed as at present, but should be buried into the soil; the end of the chain should be carried down to about 12 feet below ground level or to low water level, and the conductor placed in the middle of it. The intervening space should be closely packed with freshly heated charcoal.

4. With these exceptions we consider the conductors to be in good electrical condition.

(Signed) _____
Telegraph Master, Berhampore.

BERHAMPORE,
16th May 1884.

(Signed) C. NORFOR,
Executive Engineer, Ganjam Division.

ORDER—dated 4th August 1884, No. 1887 W., Public Works.

Recorded.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Military Department.

Exd. E. Fernandez.

Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated August, 4th.

Recd.

Encl.

G.O., 4th Aug. 1884, No. 1887 W.

AUGUST.

Lightning Conductors

Superintending Engineer's report of the action taken to rectify the defects noticed in the joint report for 1884 by the divisional officer and the local expert of the Telegraph Department on the — attached to the military powder magazine at Berhampore, recorded.

We have examined the lightning Conductors attached to the Powder Magazine at Berhampore and found them as follows:— 1887

1 That part of the Conductor forming the Connection between the rod and the ground on one side, does not end in a rope chain and should either be disconnected with the ground altogether or have a chain rope rivetted and soldered to the Conductor leading (as at the other end) into the ground.

2 That part of the Conductor forming the Connection between the rod and the ground is exposed and neither rivetted nor soldered to the Conducting rod, but simply passes thro' the rod loosely; we consider this highly objectionable on electrical ground, and that it makes the whole Conductor next to useless. The Conductor leading into the ground should be both

rivetted as well as soldered to the rod.

The iron chain attached to the rod should not be exposed as at present but should be buried into the soil; the end of the chain should be carried down to about 12 ft below ground level or to low water level and the Conductor placed in the middle of it. The intervening space should be closely packed with freshly heated charcoal.

With these exceptions we consider the Conductors to be in good electrical condition.

(signed) Telegraph Master
Berhampore }
16th May 1886 } Berhampore Ganjam Div

(True Copy)

Alfred Peirce Lt. Col. R.E.
Sup. Engineer 1st Circle

JK

No. 227 En.

FROM,

THE SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

P.W. Department
FOR IRRIGATION

DOWLAISHWERAM,

18th July 1884

Supd 19th 1884

SIR,

I am forwarding herewith copy of a joint report by the Telegraph Master and the Ganjam Division officer at Berhampore on the Lightning Conductors attached to the Military Powder Magazine at that station. I have the honor to report, with reference to para 1175 of the P.W. Code, that the Division officer sent in an Estimate of Rs. 435 for the alterations proposed and which Estimate I have returned to him approved.

2 I have applied to the officer Commanding the Eastern District for the necessary allotment of funds so that the work may be put in hand without delay.

I have the honor to be
Sir,
your most obedient Servant.

Alfred Peirce Lt. Col. R.E.
Sup. Engineer 1st Circle

JK

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1887

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Mdy works

NE 1887 W dated 4th August 1887

From

The Supg Engineer

1st Circle

To

The Chief Engineer

P.W.D.

Madras.

Recorded

Cy.
27-7-84

31-7-84

Dated 18th
Recd 19th } July 1887
Recd 20th

No. 2274

Encls. 1

Lightning Conductors attached
to the Military Powder
Magazine at Berhampur

Reports that the estimate
of Rs. 435 for the alterations
proposed to the — has been
returned to the Divisional
officer approved.

see
9/8

L.E. I Circle
Mdy Dept.

29-7-87

With order

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Govt. of (1884) Madras.

PUBLIC WORKS.

(5)

Dist. 18

Recd.

Encl.

604 August 1887

Lightning Conductors

Report of the action
taken to rectify the defects
noticed in the joint
report for 1884 by
the Divisional Officer
of the local expert of
the Telegraph Dept on
the — attached to
the Military Powder
Magazine at Berhampore
recorded

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