(1) பக்கங்களின் எண்ணிக்கை 18

(2) புதுக்கித் திருப்பிய நாள் 7/92

(3) ஆதாரங்குறிப்பவர் கருக்கொப்பம் [illegible]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

106

அரசாணை எண். —
மு. கோப்புத் தாள் எண். 864 to 866

அச்சகம்
பலவகை

நாள் : 24-3-1891

198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

9 Sheets

ஆவண. கா-1—18,000—15-6-87.

A. Mani

864-66
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From Major D. McN. CAMPBELL, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department (through the Examiner of Public Works Accounts), dated Chepâk, 14th February 1891, No. 71 W.

I have the honor to forward an indent on the Director-General of Stores in England for copper tape required in the Public Works Stores for lightning conductor. Hitherto copper plate cut into strips and revetted together, so as to form a tape, was used, and there was the risk of bad joints. This will be avoided by the use of copper tape, which, moreover, is cheaper.

Office-note from the Examiner, Public Works Accounts, dated Madras, 18th March 1891, No. 1655/153.

The accompanying letter from the Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, No. 71 W., dated 14th February 1891, with an indent (No. 17 of 10th February 1891) for English stores, for transmission to the Secretary of State, is forwarded for necessary action.

2. I certify that funds to meet the estimated outlay in England in connection with this indent, during the year 1891-92, will be provided by the Local Government to the extent of £136-5-9 in the estimate of the Public Works Department for that year.

Order—dated 24th March 1891, No. 864 W., Public Works.

Ordered that the indent be forwarded to the Home Government for compliance.

(Here enter No. 865 W., dated 24th March 1891.)

(True Extract.)

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

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.

Exd. P. L. Pereira.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated March, 24th.

Recd. *Encl.*

G.O., 24th Mar. 1891, No. 864 W.

MARCH.

Copper Tape

Ordered that the indent for — required in the Public Works Stores, Madras, be forwarded to the Home Government.

864-66/2

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE DIRECTOR-GENERAL OF STORES,
INDIA OFFICE,
LONDON.

SIR,

I am directed to forward, for favor of compliance, an indent, in duplicate, for copper tape required in the Public Works Stores, Madras.

2. The certificate of the Examiner of Public Works Accounts is embodied in the Proceedings * of Government forwarded herewith.

* No. 864 W., dated 24th March 1891.

(Here enter No. 866 W., dated 24th March 1891.)

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
24th March 1891.

ENDORSEMENT—dated 24th March 1891, No. 866 W., Public Works.

Copy of the above, with copy of the indent, forwarded to the Government of India for information.

(By Order.)

Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. P. L. Pereira.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated March, 24th.

Recd. *Encl.*

24th Mar. 1891, Nos. 865, 866 W.

MARCH.

Copper Tape

Forwarding copy of indent for — required in the Public Works Stores, Madras.

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,
Chepāk, *15th February* 189*1*.

No. *71 W.*

From *Major D. McNeill Campbell R.E.*
SUPERINTENDING ENGINEER, V CIRCLE,

To
THE *Chief Engineer & Sec. Dept.*
Thro' The Examiner of P.W. Accts.

SIR,

864-66/5 18.

Enclosures.

I have the honour to forward per Indent on the Director General of Stores in England for Copper tape required in the P.W. Stores for Lightning Conductor. Hitherto Copper plate cut into strips and rivetted together so as to form a tape, was used — and there was the risk of bad joints. This will be avoided

avoided by the use of
Copper tape which moreover
is cheaper.

I have the honour to be
Sir
Your Most Obed.t Hble.

F. McV. Campbell Major R.E.
Superint.g Engr. 5.th Circle

864-66
6

864-66
6

P.V.

P.W.C. No. 3157

Rec'd 19.3.91

Encls 2 (1 duplicate)

864-65 8604

315

Gen Dept

PUBLIC WORKS DEPARTMENT.

E MADRAS GOVERNMENT.

864-66/8 READ the following

71 W. dy 14. ii. 91.

No 1655/153 dy 18. iii. 91.

3 P

Ordered that indent be forwarded the Home Government compliance.

No 865 W dy 20th March 1891.

Director General of Stores India office London.

I am directed to forward, for favour compliance, an indent in duplicate copper tape required

IV.

In para 4. of P.O No 25 marine dated 22-1-91, attention is drawn to para 9 of Insp. Genl's report.

He recommends Lafy round copper as the best material for lightning conductors.

The accompanying indent is for copper tape, and probably is intended the used for lightning conductors.

Orders if a P.O may issue directing issue of Lafy round copper in lieu place of copper tape for lightning conductors.

OWB
21.1.91

Insp Genl's report refers only to lightning conductors for the conductors on ground to stacks and vibrators, and does

P.W.C. No: 3157

Recd: 19.3.91

804-65 8604
315

N.

In para 4. of P.O. No 25 issued dated 22-1-91, attention is drawn to para 19 of Mr. Douglas' report.

We recommend Lafy round copper as the best material for lightning conductor.

The accompanying indent is for copper tape, and probably is intended the used for lightning conductor.

Orders if a or any wire directing use of lafy round copper in lieu place of copper tape for lightning conductors.

OHMS
24.4.91

In Mr Douglas report refers only to lightning down conductors and to clamps and vibration, and does

required in the Public
Works Stores, Madras.
2. The certificate
of the Examiner of P.
W. Accounts is enclosed
in the Proceedings of
Government forwarded
herewith in duplicate
with credent in duplicate
864 2/4
& Nº 866 W dy 1891

Copy of the above,
with copy of the
indent forwarded
to the Government
of India for in form
=ation.

8013
21·3·91

21·3

3/4/91

R.S.
Cw.6

Mr. 21. III
A 24

†Nº 864 W dy 24 March 1891.

864-66/9

5

3157.

Govt. of [18] Madras.

PUBLIC WORKS.

W. Head
25/8

Dated

Read. F. Knot.

G.O. 24th March 1891, No. 864W.
8654
8665.

Copper Pipes

Ordered that the indents for — req^d in the Public Works Madras herewith be the same prov^d.

Copper Pipes.

Forms indents for — req^d for the Public Works Madras.

50/5
60/2
10/1
Copper Pipes

Forms: Copy of indents for — req^d in the Public Works Madras.

49C 7½ 2m 5.

1-5

(9)