30

(1) பக்கங்களின் எண்ணிக்கை 34

(2) புதுக்கித் திருப்பிய நாள் 10/97

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 2318-19

அச்சகம்
பல்வகை

நாள் : 8.9.1893

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

2318-19
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From L. L. WICKHAM, Esq., General Superintendent, Public Works Stores, to the Superintending Engineer, V Circle, dated Madras, 17th May 1893, No. 12 S.

With reference to your letter No. 94 P.W.S., dated 21st March 1893, I have the honour to inform you that the case which contained the hose in question together with the fire-engine was handed over to the Consulting Architect's division at the beach when landed per S.S. "*Deepdale*" in May 1892 and had therefore not the opportunity of testing the hose and ascertaining the condition; but, however, I now referred the question to the Consulting Architect to state the condition of the hose when received and the precautions taken by him to preserve the same in this climate and a copy of his reply thereto No. 238 of 24th April 1893 is herein enclosed.

2. The description of the hose in question is copper rivetted leather delivery hose, hand looped in 40 feet lengths and the value of the whole of the 15 lengths received is Rs. 458–8–1.

3. From the reply above referred to, I observe that only 6 lengths of the hose out of the 15 received have burst when used at a steam pressure of 80 lb., and I think that the remaining 9 lengths may likewise become more or less damaged ere long.

4. I have inspected myself the 6 lengths of the hose and am of opinion that the maker cannot be made responsible owing to the length of time between the landing and bursting of the hose. But I would suggest that inquiries be made in England as to what tests the hose was subjected to.

5. As the Consulting Architect prefers canvas hose in lieu of the leather for this climate, I would suggest that woven canvas delivery hose equal to the 15 lengths of the leather hose (*i.e.*, 600 feet) may be asked to be supplied without couplings.

ENCLOSURE.

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the General Superintendent, Public Works Stores, dated Chepâk, 24th April 1893, No. 238.

With reference to your letter No. 1, dated 10th April 1893, I have the honour to state that from their outward appearance the hose seemed all right. Six out of the 15 hose received a fair trial and these have burst; 2 were used very slightly and have not burst. Seven have not been used as yet. In examining these 6 carefully, the leather of which they are found seems of unequal quality. In some joists of the same hose the leather looks new and good and in other joists it is old and deteriorated. The hose before used were rubbed in about once a month with animal oil; after used and water well drained out, they are dried and then well rubbed in with tallow and animal oil. I should think that canvas hose should be obtained as leather in this climate quickly deteriorates.

No. 183 W.

To the Chief Engineer, Public Works Department, with request to communicate with the Director-General of Stores. There can be no doubt that canvas hose is better adapted to this climate and it would be well therefore to obtain canvas's in lieu of the leather as suggested in paragraph 5 of the Superintendent's letter.

(Signed) J. C. LARMINIE,
22nd May 1893. Superintending Engineer, V Circle.

2286 C.

MEMORANDUM.

With reference to letter from the Superintending Engineer, V Circle, No. 183 W., dated 23rd May 1893, the undersigned has the honour to request that an indent on the Home Government for the quantity of canvas hose required may be prepared and submitted. On receipt of this the Director-General of Stores will be addressed.

2. A copy of G.O., No. 1250 W., dated 20th April 1892, showing the tests applied to the fire engine in England, is forwarded herewith for reference.

(Signed) J. HANNAN,
8th June 1893. Ag. Joint Secy. to Govt., P.W.D.

From L. L. WICKHAM, Esq., General Superintendent, Public Works Stores, to the Chief Engineer, Public Works Department (through the Examiner of Public Works Accounts), dated Madras, 15th August 1893, No. 52 S.

With reference to your memorandum No. 2286 C., dated 8th June 1893, I have the honour to submit an indent No. 6 with report for 15 lengths of canvas hose required from England by the Consulting Architect to the Government of Madras for the steam fire engine at Chepâk.

ENCLOSURE.

REPORT to accompany the indent for canvas hose required for the steam fire engine at Chepâk.

This indent has been prepared in accordance with memo. No. 2286 C., dated 8th June 1893, to replace the damaged leather hose. Hose of this description is not manufactured in this country.

(Signed) H. IRWIN,
Consulting Architect to Government.

From the Examiner, Public Works Accounts, dated 23rd August 1893, No. 718 D.

ORDER—dated 8th September 1893, No. 2318 W., Public Works.

The indent will be forwarded to the Home Government for compliance.

[Here enter No. 2319 W., dated 8th September 1893.]

(True Extract.)

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

To the Superintending Engineer, V Circle.
" Consulting Architect to Government.
" Examiner, Public Works Accounts.

Exd. C. A. Munisawmy.
Spare Copies

2318-19
2

GENERAL.
ACCOUNT.

Govt. of {1893} Madras.

PUBLIC WORKS.

Dated September, 8th.

Recd. *Encl.*

G.O., 8th Sept. 1893, No. 2318 W.

SEPTEMBER.

Indent

The — for canvas hose for the steam fire engine at Chepâk, Madras, ordered to be forwarded to the Home Government for compliance.

2318-19/3

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

J. HANNAN, ESQ.,
Ag. Joint Secretary to the Government of Madras,
Public Works Department,
General, Buildings and Roads Branch,

To

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

SIR,

I am directed to forward, for favour of compliance, an indent in duplicate for 15 lengths of canvas hose required for the steam fire engine which was supplied to this department on indent No. 606 W., dated 3rd March 1891, and referred to in your letter No. S. 15502, dated 25th March 1892.

2. I am at the same time to inform you that the results obtained from the leather hose originally supplied with the fire engine in question were very unsatisfactory; 6 lengths of the hose out of the 15 received were subjected to a fair trial and burst when used at a steam pressure of 80 lb. Every precaution has been taken to preserve the hose, but it is evident that leather hose is quite unsuited to this climate. I am to request that the canvas hose now indented for may be tested to stand the highest pressure which the fire engine can develop.

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

Ag. Joint Secy. to Govt., P.W.D.,
General, Buildings and Roads Branch.

OOTACAMUND,
8th September 1893.

Exd. C. A. Munisawmy.
Spare Copies

2318-19
4

GENERAL.
ACCOUNT.

Govt. of {1893} Madras.

PUBLIC WORKS.

Dated September, 8th.

Recd. *Encl.*

8th September 1893, No. 2319 W.

SEPTEMBER.

Indent

Forwarding for compliance an — in duplicate for canvas hose for the steam fire engine at Chepâk, Madras.

Indent to be.

Accompaniment to Public Works Department Circular No. XV of 1882.

No. _____

2318-19/5

INDENT FOR STORES required for the Public Works Department in the ~~Presidency~~ Madras Presidency for the service of the Indian Government.

I HEREBY certify that the Stores enumerated in this Indent are absolutely required for the service of the Public Works Department ~~for a period of _____ months, and I further certify that I have, by a personal inspection of Books and Stores, satisfied myself that they comprise the least possible quantity necessary for the above period.~~

Dated this 8th day of September 1893

at Madras

Signature W. Cumming

Rank Secretary to Government I. W. D.

NOTE.—1. In cases in which a personal inspection of Books and Stores cannot be made, the portion of the Certificate relating thereto should be scored through.

2. The Indent should be paged, and the signature attached to the last line of the Indent.

Received by the Director General of Stores in England the _____ day of _____ 189

CONSULTING ARCHITECT

DIVISION.

No. 31.

Annual Indent on England for Stores required in Madras for The Steam Fire Engine at Ghepak

Names of Articles.	Revenue* to which cost is chargeable.	Imperial head of account or grant to which cost is chargeable.†	Established proportion.	How established proportion is calculated.	Number or quantity in Store on ———	Number or quantity due on previous Indents.	Number or quantity now indented for.	Rate.	Value: Of number or quantity due on previous Indents	Value: Of number or quantity now indented for.	Remarks.	Shipped or under provision.	Proposed to be provided.	Remarks by the Director-General of Stores.
Canvas hose (best quality) 10 inches in circumference 15 lengths of 50 feet each length	Provincial	Nil	Nil	Nil	Nil	Nil	Length 15 Add 10 p.c. for freight	£ s d 1 0 0 2 10 0	Nil — — Total	£ s d 2 10 0 2 10 0 25 10 0	Port of Landing Madras The fire Engine was received on the 12th May 1892 per S.S. "Deepdale" vide Invoice No. 23 dated 8th April 1892.			

Henry Bruce
Consulting Architect
to Government
12/7/93

N.B.—The red ink columns to be left blank for filling up in England.

* Imperial, Provincial, Local, Mysore, or Berar.

† This column should be left blank if the charge is not debitable to the Imperial Revenue.

Note

9

Certificate by Superintendent of P. W. Stores

Certified that the stores enumerated in the Indent are absolutely required and that they cannot be procured from local manufacturers or from Surplus Stores, of other Departments, Railways, and Administrations.

L Ellerman
15th August 1893. General Supt. P. W. Stores

Examiners' Certificate.

I certify that funds to meet the outlay which, it is estimated, will be incurred in England in connection with this Indent during 18 have been (will be) provided for in the estimates of the P. W. D. to the extent of £.

Instructions

Public Works Store Department

No. 128 23/8-9 Madras 17th May 1893

From

The General Superintendent
Public Works Stores &c

To

The Superintending Engineer
Circle, Chepauk

1 Pcl

Sir

With reference to your letter No. 94 P. W. S. d/21st March 1893, I have the honor to inform you that the case which contained the hose in question together with the Fire Engine was handed over to the Consulting Architects Division at the beach when landed per S.S. "Deepdale" in May 1892 and had therefore not the opportunity of testing the hose and ascertaining the condition; but however I have referred the question to the Consulting Architect to state the condition of the hose when received and the precautions taken by him to preserve the same in this climate and a copy of his reply thereto No. 238 of 24th April 1893 is herein enclosed.

2. The description of the hose in question is Copper rivetted leather delivery hose, hand looped in 40 feet lengths and the value of the whole of the 15 lengths received is Rs 458-8-1.

3. From

3. From the reply above referred to, I observe that only 6 lengths of the hose out of the 15 received have burst when used at a steam pressure of 80 lbs and I think that the remaining 9 lengths may likewise become more or less damaged ere-long.

4. I have inspected myself the 6 lengths of the hose and am of opinion that the Maker cannot be made responsible owing to the length of time between the landing and bursting of the hose. But I would suggest that enquiries be made in England as to what tests the hose was subjected to.

5. As the Consulting Architect prefers Canvas hose in lieu of the leather for this climate I would suggest that woven Canvas delivery hose equal to the 15 lengths of the leather hose (i.e 600 ft) may be asked to be supplied without couplings.

I have &c

(Signed) L. L. Wickham

Sl. Supdt. P. W. Stores

No. 1838.

To the Chief Engineer P. W. Depart=
=ment with request to communicate
with the Director General of Stores. There
can be no doubt that Canvas hose

2318-19/10

is better adapted to this climate and it would be well therefore to obtain Canvas in lieu of the leather as suggested in para 5 of the Superintendent's letter.

22nd May 1893

J. C. Clarke

Supdg. Engineer P. Works

General Accounts
No. 2318 dated 8th Sept. 1893

Consg Architect to Govt

P. W. CURRENT No. 4855

From

The Supdg. Engineer
Fifth Circle

To

The Chief Engineer
P. W. Department

Dated 23rd May 1893
Rec'd 26th " "

Encl 1

No 1838

Canvas hose

States that the ___ is better adapted to this climate than leather ones.

No 605-6-7 W dt 2.3.91
" 1250 W dt 20.4.92
" 311 g c dt 20.6.92
" 3491 e dt 12.7.92
" 2256 W/g 16.8.92

No 2286 C/8 June 1893

With reference to letter from the Supdg Nilgiris No 183 W dt 23rd May 93 he undersigned has the honour to request that an indent on the Home Govt for the quantity of Canvas Hose required may be prepared & submitted. On receipt of this, the D.G. P. Stores will be addressed.

2 A copy of E.O. No 1250 W dt 20 April 1892 showing the test applied to the five casks in England, is forwarded herewith for reference

24/2/0 OMS 2.6.93

+

To Supdg Nilgiris with

extract Copy of E.O. 1250 W dt 20.4.92

D. 31.5.93 C 8/6 + Do to Supdg Nilgiris

Recd

G. W. O.

No 238

2318-19/11

Office of the Asst Architect to Govt, Chepauk, Madras
24th April 1893.

From

Henry Irwin Esqr, B. A. C.
Asst Architect to the Govt of Madras.

To

The General Superintendent P. W. Stores
Madras

Sir,

With reference to your letter No 1 dated 10th April 1893, I have the honor to state that from their outward appearance the hose seemed of right, six out of the 15 hose, received on fair trial and three have burst, two were used very slightly and have not burst. Seven have not been used as yet. On examining these six, carefully, the leaks of which they are found, seems of unequal quality on some joints of the same hose, the leather looks new and good and in other joints it is old and deteriorated. The hose before used were rubbed in about once a month with animal oil - after use and water well drained out, they are dried and then well rubbed in with tallow and Animal oil. I should think that Canvas hose should be obtained as leather in this climate quickly deteriorates.

I have the honor to be Sir
Signed | Henry Irwin
Asst Architect to Govt

True Copy

L L Wickham

General Supt P. W. Stores

SUPERINTENDING ENGINEER'S OFFICE
13 MAY 93
P. W. D. 5th CIRCLE

No. 52. S.

2318-19
12

PRESIDENCY P. W. STORES,

Madras, 15th August 1893.

From

L. L. Wickham Esqre.

GENERAL SUPERINTENDENT,

PUBLIC WORKS STORES,

To

THE Chief Engineer P. W. D.
thro' the
Examiner of P. W. Accounts

Sir,

Enclosures Invoice in Triplicate Report.

With reference to your Memo No 2286 dated 8th June 1893, I have the honor to submit an Indent No 6. with report for 15 lengths of Canvas Hose required from England by the Executive Architect to the Government of Madras for the steam fire Engine at Bhopauk.

I have the honor to be,
Sir,
Your most Obedient Servant,

L L Wickham

General Supt P. W. Stores.

1396

P. W. CURRENT No. 7359

no 605-6-7 w 3-3-91 ✓
" 1250 w 20-4-92 ✓
" 3119 c 20-6-92 ✓
" 3491 c 12-7-92 ✓
" 2256 w 16-8-92 ✓
" 2286 c 8-6-93 ✓

Presidency P. W. Stores.

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS STORES,
Madras,

To

The Chief Engineer P. W. D.
through the
Examiner of P. W. Accounts

No. 52 S.

Dated 15th
Despatched 16th August 1893.
Received 25th

No. of Enclosures. Five

Subject.

Submits an Indent with
report for 15 lengths of Canvas Hose
required from England by the Consg.
Architect to the Government of Madras
for Steam fire Engine at Chepauk

Ms 247

EXAMINER
No.
17 AUG 1898
ENCLOSURES
P. W. ACCOUNTS

2318-19
13 11

Print

Report to accompany the Indent
for Canvas hose required for the
Steam Fire Engine at Chepauk.

This Indent has been prepared
in accordance with G. O. No. 2286 C dated
8th June 1893, to replace the damaged
leather hose. Hose of this description
is not manufactured in this country.

Henry Irwin
Consulting Architect
to Government

A

2318-19
19

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Endt. from the S.E. Circle Ft. St. Geo. No. 183 Way 23rd May 1893)
Memo. to ___ do ___ (" -2286 dated 8 June 1893)
From the General Supdt. P.W. Stores (" -528 dated 15 August 1893)
Do Examiner P.W. Accts (" -718 Dated 23 Augt 1893).

DESPATCHED
15 SEP. 93

The indent will be forwarded to the Home Government for compliance

To The S. E. Circle
" Consg. Architect to Govt
" Examiner P.W. Accts

(Ft St. Geo. Way)

To The Director General of Stores
India office
London.

Sir,

I am directed to forward for favor of compliance an indent in duplicate for 15 lengths of canvas hose required for the steam fire engine which was

(40—2,000—18-6-93.)

supplied to this departt= ment on indent No. 6064 W dy 3rd March 1891, and referred to in your letter No. S. 15502 dy 25th March 1892

2. I am at the same time to transmit a copy of the correspondence quoted in the margin, and to invite your attention to the unsatisfactory results obtained from the leathers those originally supplied with the fire engine in question.

I have &c

Proc: of Govt No. dy

Indent for Canvas hose for Chingleput steam fire engine

This would do. Our letter would be complete in itself. I don't see what is to be said except that Leather is the worst for this climate & that the hose tends burst at such short a pressure. The Canvas hose must be tested to stand that highest pressure which the Engine can develope

Wo 3 Aug.

W

30-8

Dy 29.8.93

Dy/M

Gr 247 23/9

A from orders.

Genl Dept

No. 2318 W dy 8 September 1893

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2318/15

READ the following

Endt. from the Supdg Engr, V Circle (H.E. No. 183 W dy 23rd May 1893)
Memo to — do — (" 2286 C dy 8th June 1893)
From the Genl Supdt. P.W. stores (" 52 S. dy 15th August 1893)
" Asst Examiner, P.W. accounts (" 718 D dy 23rd August 1893)

Printed with one Copy

Asst Examiner 7.8.8

The indent will be forwarded to the Home Govt. for compliance.

To

The Supdg. Engr, V Circle
1. Consg. Architect to Govt.
1. Examiner, P.W. accounts.

9

(H.E. No. 2318/W dy 8 Sept. 93)

To

The Director General of Stores
India Office
London

Sir,

I am directed to forward for favour of compliance an indent in duplicate for 15 lengths

10—800-23-3-93.

lengths of canvas hose required
for the steam fire engine
which was supplied to
this department on indent
No. 606 W dated 3rd March
1891, and referred to in
your letter No. 8-15502 dated
25th March 1892.

2. I am at the same time
to inform you that the
results obtained from the
leather hose originally supplied
with the fire engine in question
were very unsatisfactory. Six
lengths of the hose, out of
the fifteen received, were
subjected to a fair trial, and
burst when used at a
steam pressure of 80 lbs. Every
precaution has been taken
to preserve the hose, but it
is evident that leather hose
is quite unsuited to this
climate. I am to request
that the canvas hose now
indented for may be tested
to stand the highest pressure
which the fire engine can
develop.

2388-19
1614

10

6.9.93

6.9

Note for despatch

a copy of the P.S.
should accompany
the letter ordering
the issue of stores

DESPATCHED
15 SEP. 93

Rec'd

2318-19
(17)15

C.W.O. 7359

Govt. of {1893} Madras.

PUBLIC WORKS.

Dated

Rcvd.

Encl.

Septr.

G.O. 8 Augt. 1893, No. 2318. PW

Indent

= 3190

the — for canvas
hose for the steam
fire engine at Chepak,
Madras, ordered to
be forwarded to the
Home Govt. for compliance

— do —

Forwarding for compliance
an — in duplt for
canvas hose for the
steam fire engine at
Chepak, Madras.

S.C. 9.11

2/9/93.