[L. & M.
2,000—1-3-96.]

Local & Munl. (1898) Department.

MISCELLANEOUS.

G.O., No. 246 P

DATED 22. 3. 98

[Despatch Abstract.]

Steam disinfecting apparatus Requesting the Agent, S. M. Ry, to send a full list of ~~what~~ the materials, with measurements, required for setting up a steam disinfecting apparatus at Hospet

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

The following telegrams will be despatched:—

Telegram

To The Agent, S. M. Ry

Dharwar

Deferred

Kindly expedite reply to telegram 22d March regarding disinfecting apparatus.

Deferred

To The Consulting Engineer for Railways, Bombay

Kindly expedite reply to letter 22d March No 247 regarding Hubli Disinfecting apparatus.

H 24/3

2/4/98

2/4/98

3

defend
& despd 22/3/98

Order No. 246 P. Mis. dy 22.3.98

The following telegram will be despatched to the Agent, S. M. Ry., Dharwar.

Your letter No 7952 of 14th instant to Consulting Engineer Bombay regarding disinfecting apparatus. Kindly send by post full list of what your railway can supply for Hospet with measurements of steaming vessel and its door, and state ~~within~~ what time required for erecting apparatus ~~at Hospet~~.

22.3.98

Lam
22/3/98

another draft below

V/2

Extract referred to.

× × ×

It seems unnecessary to explain the method of steam disinfection as it is well known. Usually a locomotive supplies steam to a Steam chamber at about 20 lbs pressure to the Square inch and the Kit is run in and out of the Chamber on a long trolly. Each operation takes about 20 – minutes to half an hour and experience has shown that the plague bacilli do not survive even in the tightly packed centre of a native traveller's bundle.

× × ×

Encl: 2
E 0. No 52

Snl

21
Ry C No 291/98

7

To Mr Secy
To P.W. Dept (Ry Branch)

office note No. 7
24/2/98

~~It seems~~

Kindly see the enclosed para as to Bombay arrangements.

It is proposed to have such steam disinfection at (1) Hospet (2) Tungabadra (3) Gangi-nenpollium near Kondapalli.

Could the P.W.D arrange ~~to set up~~ for the apparatus — say a ~~donkey engine~~ small boiler (or an old disused locomotive) — & a chamber into which things can be run on a trolley.

24.2.98.

Despd 24/2/98

[L. & M. 200—1-12-95]

LOCAL AND MUNICIPAL DEPARTMENT

P. W. Ry. No. 291
Recd 25-2-98

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
25 FEB. 1898
MADRAS.

OFFICE NOTE No. 7

Dated 24th Feby 1898.

From

THE SECRETARY TO GOVERNMENT,
LOCAL AND MUNICIPAL DEPARTMENT,

To

THE SECRETARY TO GOVT. Public Works DEPARTMENT.

Railway Branch.

Kindly see the enclosed para as to Bombay arrangements.

It is proposed to have such steam disinfection at (1) Hospet (2) Tungabadra (3) Ganganenipolliyum near Kondapalli.

Could the Public Works Department arrange for the apparatus, say a small boiler (for an old and disused locomotive) - and a chamber into which things can be run on a trolly.

H. Tremenheere
Ag. Secretary to Govt.

Ask Bombay if S.M.R. can arrange for the apparatus at Hospet and M.R. and A.G.S.R. if they can arrange at 2 and 3.

28/2/98

Encl

Form No. 7.

Madras, 2d March 1898.

To

The Consg. Engr for Rys, Bombay
+ Manager M Ry
Agent, ~~S. I. R.~~
— " — N. C. S. Ry.

No. 606 Reply No. 557 W of 12/3/98 fm NCSR, dated

Reminders.

Subject.

Sir,

With reference to the enclosed para describing the arrangements made in Bombay for steam disinfection in connection with the plague, I have the honour to enquire if the S. M. Ry / M. Ry / N. C. S. Ry can arrange for the apparatus, consisting of, say, a small boiler (or an old and disused locomotive), and a chamber into which things can be run on a trolley, to be erected at Hospet.

Tungabhadra

Gangammipalligam near Kondapalli

Despatched 2/3/98 27

H.L. 28/2/98

H.L. 28/2/98

Desp^d 8/3/98

Telephone message

~~From~~ To

Secretary to Govt

P. W. Dept Ry branch

From Secy to Govt

L. & M. Dept

Kindly expedite your reply to my office note No 7 d/ 24-2-98 regarding apparatus for steam dis-infection.

2/3/98

2/3/98.

d/ 8-3-98

Kindly expedite reply to my office-note No 7 d/ 24-2-98 regarding apparatus for steam disinfection. The matter is urgent

8/3/98

—

From Telephone 15

P. W. Ry C No. 315

The Secy to Government
Recd. 3.3.98
L & M Deptt

To The Secy to Govt, PWD
Ry Branch

Kindly expedite your reply to my Office Note No: 7 of 24.2.98 regarding apparatus for steam disinfection.

Reply

The Agents of the Southern Mahratta, Madras and H. H. the Nizam's Railways have been addressed and their replies are awaited

Despt
3/3/98

3/3/98

Urgent **Telephone** 17

From

The Secy to Govt.
L & M. Departt.

To
R.

Kindly expedite reply to my Office Note No. 7 dated 24-2-98 regarding steam disinfecting apparatus The matter is urgent.

+Flag R

Recd
8.3.98.

SM

The railways were only addressed on 2nd we can't expect a reply yet. We might wire to them to send us a ~~lette~~ reply by telegraph

F.H. 8/3/98

Yes. but could you not fix M.R. by telephone or D.O. letter.

F.H.
8/3

T—14.

S/ 199

Class. MP — **INDIAN TELEGRAPH.** — Monthly Local No.

To Station Triplicane — From Station Secunderabad S/ (Central Rd.)

Words.	Day.	Hour.	Minute.	Official Instruction.
27/2	9	13	35	Sfo

To (Person) Consulting Engineer for Railways

From (Person) Agent and Manager N. G. S. Ry

C. No. 1177
Recd. 10. 3. 98

31 a reply will be sent in a few days

Slay G

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
10 MAR 1898
MADRAS.

TRIPLICANE
9 MA.
98

Recd. from L. N. — Sent to L. N.

At Hrs. Mts. By — At Hrs. Mts. By

Date — Postmaster.

1,000—5-3-93.

FORM No. 20.

TELEGRAM ~~URGENT~~ ~~ORDINARY~~ DEFERRED

FROM E.R.

TO

48D { (1) Consg Engr Works, Bombay
(2) Agent N. G. S. Ry }

48 D. My No. 606, 2d instant.
Kindly wire reply.

HH 8/3/98

Telephone to A.m.

My No. 606, 2d instant.
Please telephone reply early.

HH 8/3/98

Desp: 3-50 P.m.
on 8/3/98

Copy of letter No. A/D 79 dated 10. 3. 98. from the Loco: & Carr: Superintendent N. G. S. Ry: Lallaguda, to the Agent & Manager N. G. S. Ry: Secunderabad.

Sir,

With reference to your No. 350 W. dated 9. 3. 98. I have the honor to say that we could give an H. Class Engine for Steam Supply and we could fit up an old Boiler Barrel for the Chamber, the following sizes are available:—

4 Feet dia × 10 Feet 6 inches long
3 do. × 6 feet long.

We could of course, make a new chamber to any particular size; I presume the arrangement would be in work for some time and I would suggest a Vertical Boiler be purchased which would release the H. Class on its arrival.

I have &c.
Sd/- C. P. George,
Loco: & Carr: Superintendent
N. G. S. Ry.

24

File No. 1 to C. E. R. C. No. 1232 - 1898
Letter No. 557W 12-3-98
From Am N. G S Ry

P. W. O. No. 285.—6-10-97—5,000. Form No. Gen. 2.

NO 557W

CONSULTING ENGINEER
RECD
14 MAR 1898
MADRAS

C. E. No. 1232
14.3.98

From
THE AGENT AND MANAGER,
H. H. the Nizam's Guaranteed State Ry. Co., Ld.

To
THE Consulting Engineer
for Railways
Madras

Dated Secunderabad, (Deccan) 12th March 1898.

ENCLOSURE 1 REFERENCE.

Sir,

With reference to your letter No. 606 of the 2nd instant, I send you herewith copy of a letter from our Loco & Carriage Superintendent in which he describes how the wishes expressed in your communication and its enclosure could be carried out.

If this is to be carried out who will pay for it?

Send in original for return to L.C.S. for information & reply to last para [illegible] 15/3/98

I have the honor to be
Sir,
Your most obed. Serv.

Agent & Mana

20

No. await reply from Madras Ry Co. FWS 1/3

Forwarded in original (to be returned) to the Local & Municipal Department with reference to its Office Note No 7 dated 24th February 1898 for information and favour of reply to the last para.

Joint Secretary
P.W.D. Ry Branch

27

T—14.

INDIAN TELEGRAPH.

Class. DS		Monthly Local No. 334	
To Station [illegible]		From Station Bombay	

Words.	Day.	Hour.	Minute.	Official Instruction.
64/5	15	17	31	[illegible]

To (Person) Consg Engr for Rys

From (Person) Consg Engr for Rys

CONSULTING ENGINEER FOR RAILWAYS MADRAS
RECEIVED
16 MAR 1898

1278
16.3.98

Reg d

1 36 telegram
No 43 D dated 1st
Southern Mahratta
Railway Company can
arrange to
erect at Hospet a
disinfecting apparatus
similar to that in
use at Lake Govern=
=ment if ~~cost~~ would
pay cost of
materials to and from
and be responsible
for any damage
whilst in use and
pending plan ends

TRIPLICANE
16 MA.
98

Telephone

From
ER

To
A.M.

Your reply to my letter 606 of 2nd instant urgently required - Please expedite.-

JD. 16/3/98

Despd: 16/3/98
at 3 P.M.

Jgl. 16/3/98

33

No. 2306 OF 1898.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS:

Bombay, 17th March 1898.

1360
19-3-98

CONSULTING ENG... RAILWAYS
REC
19 MAR 1898
MAD...

To

The Consulting Engineer
for Railways,
Madras.

Sir,

In continuation of my telegram No. 46 dated 15th March 1898, I have the honor to forward, herewith, copy of letter No. $\frac{7952}{2502}$ dated 14th March 1898 from the Agent, Southern Mahratta Railway Company and the plan of the disinfecting apparatus erected at Hubli therein referred to.

I have the honor to be,
Sir,
Your Most Obdt. Servant,

M. Waghorn
Capt R.E.
for Consulting Engineer for Rys.

Docts. Accompg:
Copy of Agent's No. $\frac{7952}{2502}$ d/ 14-3-98
& Plan.

[illegible] reply awaited

31

S M R

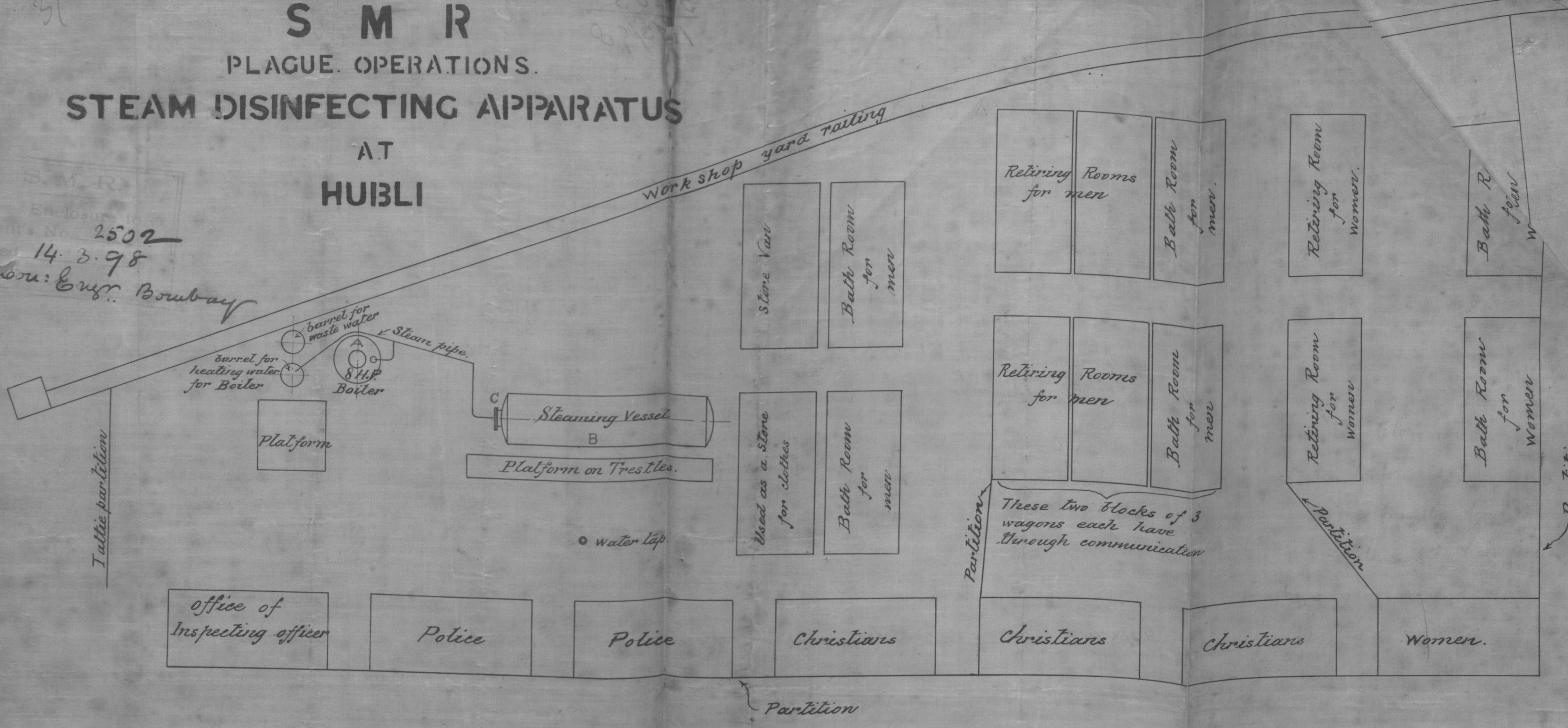
PLAGUE. OPERATIONS.

STEAM DISINFECTING APPARATUS

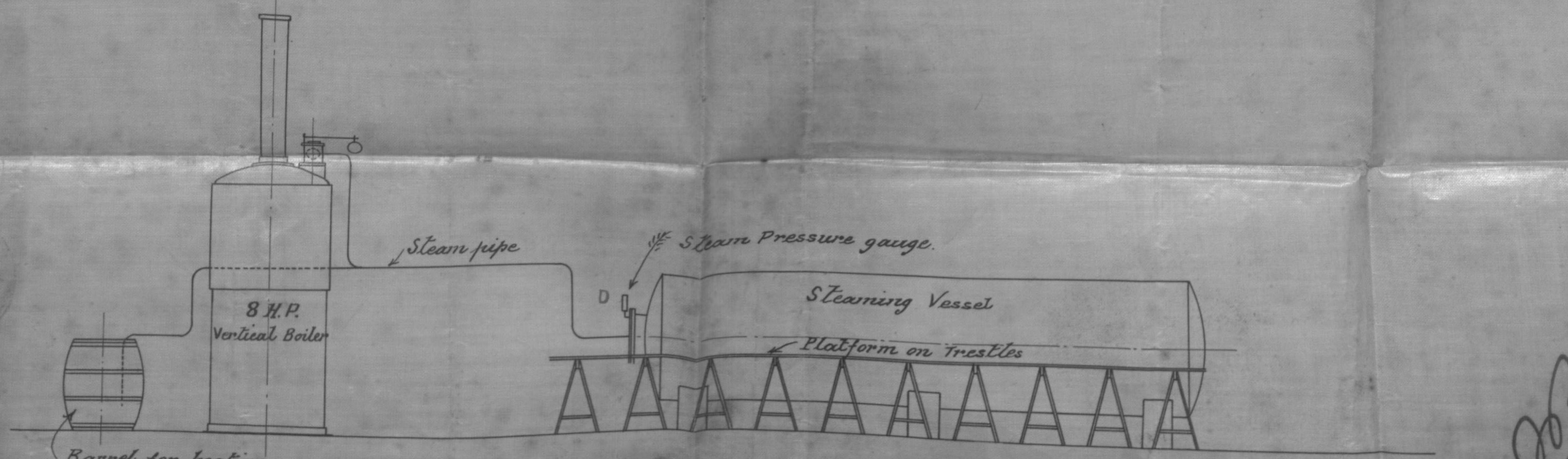
AT

HUBLI

S. M. R.
Enclosure to
Letter No. 2502
14. 3. 98
Con: Engr. Bombay



Scale $\frac{1}{8}$ Inch to one Foot



Scale $\frac{1}{4}$ Inch to one Foot

1227
22 DEC 47

Encl. 3
D O No 52

Copy of letter No. $\frac{7952}{2502}$ d/- 14th March 1898, from the Agent, S. M. Ry. Co., to the Consulting Engineer for Rys., Bombay.

In confirming the following telegram sent to you today, I have the honor to forward, for your information, the plan of the disinfecting apparatus erected at Hubli:-

109 "Your 2039 dated 5th instant: Can arrange to
"erect at Hospet a disinfecting apparatus similar to
"that in use at Hubli: Government of course would
"pay carriage of materials to and fro and be responsible
"for any damage whilst in use: Am sending plan".

Enc. No. 1 to [illegible] No. 1360 of 18 8
[illegible] 2306 - 17. 3 98
FROM ER. Bombay

Desp 19/3/98

(Telephone Message)

From

The Secretary to Government,

Local and Municipal Deptt.

To

The Secretary to Government,

Public Works Deptt. Ry. Branch.

Kindly expedite reply to my office-note No.7, dated 24th February 1898, regarding apparatus for steam disinfection. Plague is reported at Hubli and arrangements for steam disinfection at Hospet have to be made at once.

(Sd) V.Raghava Charlu

for Secretary to Govt.

Madras Railway Company,
No. B. 2008/293.
Locomotive Superintendent's Office,
Perambur Works. 17th March 1898.

The Agent and Manager.

My dear Sir,

My No.B.2008/266, of the 9th Inst.

Re: Disinfecting Apparatus for Thungabhudra.

When, at your request, I interviewed the Consulting Engineer on this subject, I undertook to work out rough details for a Pressure Chamber and Trolly, such as I suggested should be used in connection with the disinfecting apparatus for Thungabhudra. The Consulting Engineer however explained that he thought that for steam generating purposes it would be better for the Madras Railway Company to hire out a locomotive complete rather than sell a second hand Boiler. The Consulting Engineer also suggested that it would probably be a convenience if the Madras Railway Company arranged for the working of the apparatus. I have made rough detail drawings of a Pressure Chamber and Trolly, such as I think would answer, and I now enclose a rough sketch shewing their principal dimensions.

2. I estimate that the cost of manufacturing ~~the~~ Pressure Chamber complete will be Rs 700/ and I estimate the cost of making the Trolly will be Rs 200/

900 Rs initial cost
& Rs 60 a month for all
+ Rs 600 Do for hire

3. I think that a fair charge for the hire of the locomotive would be Rs 20/ per diem.

4. If this Department is to work the apparatus I would

52

MADRAS RAILWAY.

From
The Agent and Manager.

To
The Consulting Engineer
for Railways.

Dated 188

Recd.

No.

48

propose to put an experienced native Engine-man in charge with a native Fireman as his Assistant.

5. A fair rate of pay for these men would I consider be

Engineman ------Rs 45/ per month,

Fireman -------- " 15/ --do---

Yours faithfully,

(Sd) A. Pilkington.

Offg: Loco: Superintendent.

(True Copy)

A. Edmunds

for Agent and Manager.

44

Enc. No. 1 to E. R's. C. No. 1387 of 1898.
Letter No. 248 of 21.3.98
From A.M.

(No. I.)
No. 10515.

248

45

MADRAS RAILWAY.

AGENT AND MANAGER'S OFFICE,

Madras, 21st March, 1898.

1387
22.3.98

From

The *Agent and Manager.*
Madras Railway

To

The *Consulting Engineer for Railways.*
Madras.

Sir,

With reference to your letter No.606 of the 2nd instant and the Officiating Locomotive Superintendent's subsequent interview with you, I have the honor to enclose a copy of a letter and a drawing I have received from that officer and shall be glad if you will ascertain and inform me whether the proposals made meet the wishes of the Government.

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

Agent and Manager.

~~Very urgent~~

Public Works Department,
Railway Branch.

OFFICE NOTE No. 130 R-M.

Dated 22nd March 1898.

From

THE JOINT SECRETARY TO GOVERNMENT, P. W. D. (RAILWAY BRANCH),

UNDER SECY TO GOVT. PUBLIC WKS. DEPT.

To

THE Secretary to Government,
Local and Municipal Department

I send herewith the whole file about steam disinfecting. If Secretary, Local and Municipal, will make a choice and let me know what he wants I could deal with the Railway Agents.

But I see no reason why the Sanitary Commissioner, or whoever is the Chief Plague Officer, should not deal direct with them.

Francis J. E. Spring
Joint Secretary

full list of what
SMR can supply,
with ~~specns~~ measurements
steaming vessel its
of ~~chamber~~ & door.

Also ask Cons. Engr. Bombay
terms on which SMR works this at Hubli.

H
2 3

M

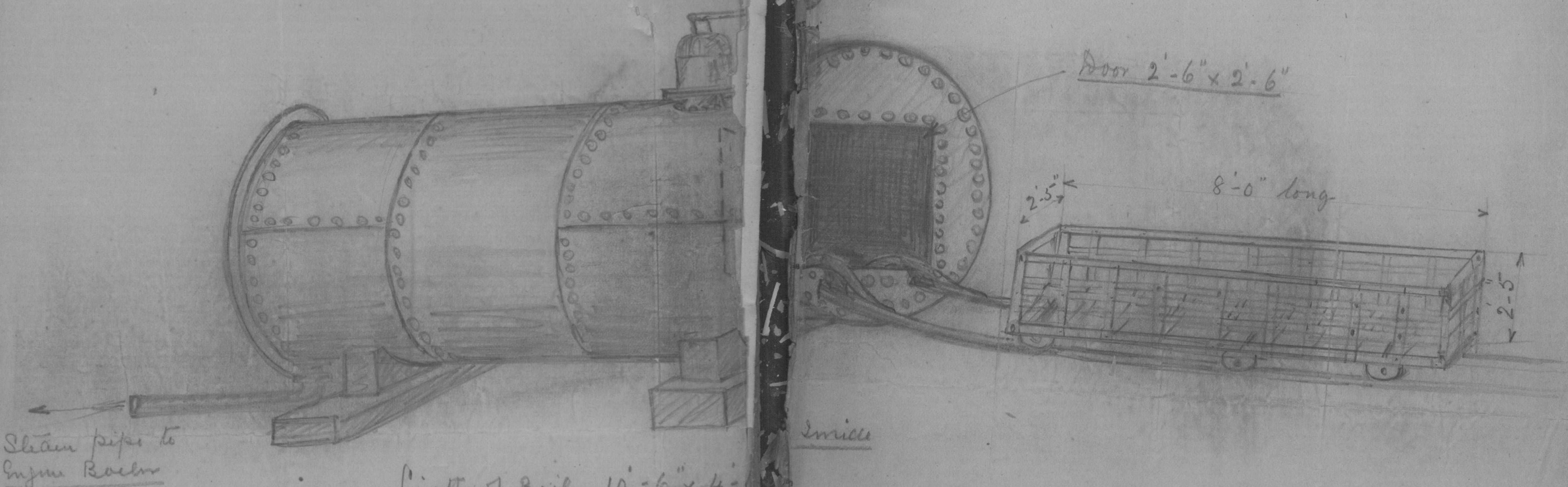
40

Enc. No. 2 to E. R's. C. No. 1387 of 1898
Letter No. 248 of 21. 3. 98
From Ans.

To accompany letter

M

$\frac{2008}{273}$ of 17.3.98 from S. to a



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Q = Copy heading only.

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39

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189 .

IN G.O., No. DATED
189 ,

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ER OF GOVERNMENT .. .. .. A A A A A A A

TER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.

N.B.—

A = Copy in full.
B = Not to be copied.
P = Cop, abstract only.
Q = Copy heading only.

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ate

M

39

Plague

Telephone

The Secy to Govt
L & M Depte

To
R

Kindly expedite reply to my office Note No 7 of 24 Feby 98 regarding ~~the~~ the apparatus for steam disinfection

Plague is reported at Hubli & arrangements for steam disinfection at Hospet have to be made at once

SR
2.3.98

EH

Send papers to L&M and remind A.M. again by telephone

JHA 2/3

Telephone

From E.A.
To A.M.

When may I expect a reply to my letter No 606, 2nd instt: – Local & Municipal

JHA 2/3 Delhi

Deptt is pressing for a reply.

Despd 4.55 P.M.
21/3/58

Telephone

Urgent

~~The~~ Secy to Govt
L & M

To R

Kindly telephone what action has been taken on my office No 7 of 24 Feb last regarding Steam Disinfecting apparatus. Something must be done at Hospet & Tungabhadra immediately

SR
21/3/58