

Financial (1899) Department.

ORDINARY MS.

G.O., No. 1109

DATED 10-10-99

INDEXED.

16/17

[Despatch Abstract.]

Authorizing the Accountant-General
to place a further sum of Rs 290 at the
disposal of the Sanitary Commissioner
for the purchase & setting up of a
Pasteur malleic filter required for
the Chief Secretariat.

T
12-10-99

BACK PAPERS.

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

FURTHER PAPERS.

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

11-8-98.

(1899) Department.

D. O. No. 360

From

Surgeon Lieut. Col. W. G. King

D. O.

No.

Dated 21st July 1899

Received 24th _____

Registered _____

Enclosures

Spare copies.

SUBJECT.

Re Drinking water in the
Secretariat Building.

He written to. Revised
H. M. R. 29/7/99

24/7/99 Paper please.

Rev. 30/7/99.

24/7/99

The paper
has now been registered. Probably the same
file is in the H.C. office

20/7/99

BACK PAPERS.

G.O.	No.	Department.	Date.
	337	Ind. Finl.	8-3-99.

FURTHER PAPERS

G.O.	No.	Department.	Date.

D.O. No. 360.

480-21-4-99.

No.

Office of Sanitary Commissioner,
Karnool 21 July 1899

CHIEF SECRETARY
24 JUL 1899
GOVERNMENT OF MADRAS

Dear Mr. Stokes

Drinking water Secre-
tariat buildings.

After waiting up to
date for the sterilizer for
the Secretariat, Messrs W.E.
Smith & Co now inform
me that the Syndicate
in France refuse to
make the small forms
as they have such a de-
mand for the larger
that it does not pay them

D.O. R: 360.

under the circumstances,
there is nothing for it
but to revert to the ori-
ginal idea of using
precipitation and subse-
quent filtration under
pressure. Unless I
hear from you to the con-
trary therefore, I shall
get Messrs. Smith & Co to
fit up a filtration system
of the Pasteur-Challis filter
which is the best in
the market at the pre-
sent moment.

Yours faithfully

W. H. Young

DO. 360.

NOTE FOR THE C.A.

Attention is invited to the note for orders at flag W in G.O. no. 337, sub, mis, of 8th March last, regarding arrangements for the supply of drinking water to the employees in the Secretariat at the Fort and Mr. King's proposals for setting up a water sterilizer in the Chief Secretariat.

2 As the Sanitary Commissioner reported that the whole arrangement could, if sanctioned, be completed before the end of the past official year. The Accountant General was authorised in G.O. no. 337, sub, mis, of 8th March '99, to place a sum of Rs 200 at the disposal of the San. Com. for the purpose.

3 Mr. King now states that the Syndicate in France cannot undertake to make the small forms required & proposes to revert to the original idea of using precipitation & subsequent filtration under pressure. He adds that unless he is asked to do otherwise, he will get Messrs Smith & Co. to fit up a filtration system of the Pasteur-Mallie filter, which he considers to be the best in the market at present.

W. J. G.

P.T.O.

In the U.S.

The matter may, it is sure,
be left to Lt. Col. King. He
might, however, be asked to
supply an approximate
estimate of the cost.

Civil
12/11/99

Certainly all cost first

[Signature]

4-8-99.

My dear King,

With reference to your D.O. of
the 21st ult. will you kindly let me
have an approximate estimate of the cost
of fitting up the Pasteur-Mallie filter in
the Sec: buildings at the Fort.

Yours truly

Civil
5.00

To.

Lt. Col. King C.S.
sec.

recd
4/8/99

Submit with fair
bcs

N.B.—KEEP FILE
INTACT.
return 6/18/0.

CHIEF
SECRETARIAT,
D. O.
No. 228
Dated, 4.8.1899

P Type
SECRETARIAT,
D. O.
No. 264
Dated, 13.9.1899.

12 Sept. 1899

do

My dear King,

I write to remind you about
the estimate of the cost of fitting up
the Pasteur Mallie filter in the Sec-
retariat buildings at the Fort, referred
in my D.O. of the 11th ult.

Yrs. truly.

Civil
12.9.99

[Signature]

To

Lt. Col. King, C.S.
or. 12.

recd
13/9/99

Note.

As the estimate has not yet been
received, a draft remains in v. for
approval.

Mr

[$\frac{G.}{9}$]

1,000-11-8-98.

(1899) Department.

D. O. No. 438.

From

Ensign Lieut. C. B. W. J. King

C 28

No.

Dated 18th Sept 1899

Received 20th " "

Registered " "

Enclosures 3.

Spare copies.

SUBJECT.

Re Secretariat Water Supply

For orders
D. O.

Submitted with reference to orders at flag A.

23/9/99

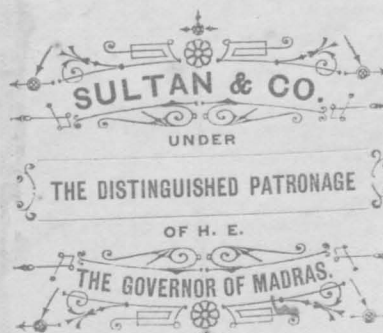
Funds available from
Purchase of furniture. Chief Secretariat
Vide G. no 1689 Int. & 25. Sep 99. B.

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.



Madras, 16th August 1899

From

SULTAN & CO.,

Merchants and Agents.

To

Col. W. G. King, C.S. & I.M.S.,
Sanitary Commissioner,
for Madras.

Dear Sir,

We have made a rough estimate and find that it exceeds the amount allotted originally. We therefore request that you will kindly suggest some reductions in the work so that it may be done within the amount previously sanctioned. In the meanwhile we have commenced the work of constructing the platform cementing the floor and laying of pipes and the gate at the doorway. The following is the actual estimate.

Platform with cement & brick	27
+ Cementing the floor of the room 2 sq. ft. at 12/-	12
Silicate painting 8 sq. one coat	10
3 windows made of Burma ppa slabs	130
16 Bolts for windows	16
Iron grating 5 ft. @ 2/8 per foot	12-8
Pipes + laying of pipes	25
Pipes electroplated 6 @ 2/8 each	24
Pipes for taking dirty water (outlet pipes)	35
Sundry expenses	10

Repairs already done in the filter room

(Please Order 20 No 1 pump. Rs 28/-)

337-8-0
Total Rs 337-8-0

Note: Do part of the estimate can be omitted in floor. 11/3/81
 an of this is not desirable.

Folio

Nº

Manufacturers
of AERATED WATERS

Dispensing
Pharmaceutical and
Manufacturing
CHEMISTS



By special appointment
to H. E. Sir A. E. Havelock,
G. C. M. G., G. C. I. E.,
GOVERNOR OF MADRAS

Mount Road,
MADRAS, 24 Aug. 1899.
Kardyl Buildings.

TELEPHONE
HEAD OFFICE Nº 225, VEPEY 102.
ESPLANADE Nº 37.

Lieut. Col. W. G. King I.M.S.
Sanitary Commissioner for Madras
Camp City.

Sir,

We have the honor to acknowledge receipt of your docket No. 2208 of 21st inst., & in reply beg to inform you that the Pasteur-Mallie filter on Iron Stand fitted with Pump & nicely painted is ready for delivery. In thorough order as we have found same on examination. Price Rs 225/-

Obediently your commands.

We have the honor to be,

Sir,

Your most Obedt. Servants
W. E. Smith & Co

Invoice to D.O. No 438 of 1899

Recd 111

The Sanitary Commissioners of Madras.

Manufacturers
of AERATED WATERS

No.

DR to

Dispensing
Pharmaceutical and
Manufacturing
CHEMISTS



By special appointment
to H. E. Sir A. E. Havelock,
G.C.M.G., G.C.I.E.,
GOVERNOR OF MADRAS

MADRAS,

Mount Road,

Kardyl Buildings.

TELEPHONE
HEAD OFFICE No 225, VEPERY 102.
ESPLANADE No 37.

Folio

		CASH			CREDIT		
		RS.	A.	P.	RS.	A.	P.
April 24	To 1 Packer's Mallie Filter on Snow Brand filled with Pump	225					
		225					
March 23	By Cash. on account of Sterilizer	150	4	8			
	Refund	7	11	4			

N.B.-If paid within the month Net Rs

Recd to do. no. 4380/99

20. No 438.

450-21-4-99.

No.

Office of Sanitary Commissioner,
Madras, RY 8-9-1899.

Secretariat, Supply.

Dear Mr. Stokes,

The arrangements
proposed are as follows:-
A pipe will be laid to
the overboard of the
existing Reaults hydrant.
This will conduct water
to the Cutch Revenue Workshop
room. Pressure is so
feeble that it is necessary
to pump it to a ~~Catchment~~
State reservoir No 1. Here
precipitation by the alum
process will be employed
This water for the water of

Que 2 to 20 No 438
99

2
suspended organic matter
(in which Red. M. M. is
rich) and bring down
with the film micro-organisms
to an extent to make the
water practically
sterile. The lower layers
of this water will be run
to waste by a special
outlet valve and drain.
The upper layers will
be pumped direct through
ten Pasteur-Mattie filter
candles - which are the
best "micro-organisms" catchers
in the market. These
candles will be placed
in the filter-stands
lined with aluminum
made by W. S. Smith & Co.
[This firm sells the Pasteur-
Mattie filter - only - but 7 made
special arrangements for the
Southern States.]

The water will enter the process of filtration
in a covered in a service reservoir
fitted with a pipe supplying the
top. The reservoir will be utilized
for storing purified water - as
in a private incineration from
waste water. The reservoirs are
the on it of particular importance
to the. The water will be cut off
from the pasteurization for the
Mettler & Co. by filling in the
and (usually equipped) the water

Dec 3 to 20. No 438
99

CO. No 438.

4.

will be painted with
white silicate paint,
and the flooring will
be put in repair and
be cement-spoilted.

I receive an advance
of Rs 300 which was
paid out in the suppression
the original scheme
with Desmeram sterilization
could be effected. But
as the sum making
there is too small to make
the small pattern formerly
advertised, this amount
is still available. Therefore
with reference to the two
enclosures, a further amount
of Rs 290 is necessary. The
work is in hand and if
you sanction this amount,

Dec 3 to 20 do 438
99

all with her in correct
order by the time you
come from the hills.
Considering the work she
done and the result
arrived at, I think
you will find the sum
not extravagant.

Yours sincerely
W. H. Smith

D.O. nos. 360 & 438.

NOTE FOR THE C. S.

Please see note
flagged A. The cost of setting
up the newly invented steri-
lizer was estimated to be
Rs 300. - Rs 150 for the appara-
tus and Rs 150 for setting it
up - and the Act General
was requested to place the
amount at the disposal
of Dr. King. Dr. King drew
the whole amount before
the end of March 1899.

2. Now that the Syndicate in
France refuse to manufac-
ture a sterilizer of smaller
dimensions, Dr. King has had
to fall back upon the fil-
tration system of Pasteur
smaller filter, the cost of
setting up which was originally
but

G.O. no 337. Finl. P
8.3.99

2. The present estimates for the work are

- (1) Cost of the filter Rs 225
(2) Sullivan's esti-
mate for adapt. } .. 337-80
ing the room }
(3) Baker's loss for }
Pump. } .. 28-00

Rs. 590-8-0

- (4) Deduct cost of cementing the floor which Dr King thinks can be dispensed with } Rs 12-0-0

- (5) Dedent amount
advanced last } .. 300-00
year to Dr King } _____

Remainder Rs. 278-8-0

This amount has to be provided this year. If the claim, cementing the floor, be retained Rs 290-8-0 will be required and Dr King asks for Rs 290.

4. The amount can be easily reappropriated from the provision, Rs 2,700 in the current year's budget.

* already obtained

Enclosure II 509 60638

$$b = 0$$

A-O

$$\begin{array}{r} 8.1.8 \\ \hline 8.1.8 \end{array}$$

Page 6 of 10: 1039 Fuel
255.55

of the Chief Secretariat for
"Purchase of Furniture", the
revised estimate having
been placed at Rs 2000.

It is, however, for orders
whether the whole cost should
be debited to the Chief
Secretariat, or apportioned
among the three departments.
The advance of Rs 300 drawn
by Dr. King in March
1899 was wholly debited
to the Chief Secretariat and
it is submitted that the
simplest course will be
to do so with the amount
which Dr. King wants now.

a draft order is submitted.

3/10/99 $\frac{\text{Cmbs.}}{6 + 54}$

P.W.D. may, it is sub. to
Committee asked to c.c. the
draft to ensure that there is
no objection to the work
being carried out by Dr. King

W. H. C.



None Went
7.10

Wm. Howard
a There is no objection in
the F.W.D.
Lis 6 Oct 99.

6
24
000-21-7-00

12/10/98

12/10/98

Read again f.o. no 337, Fri. 8. 3-99 P
Nos. 360/436 From the Sanitary Commr, No. . . . , dated 21-7-1899 (6)

189 .
189 .
189 .

Plw.D inc.

Order no. 1109 of 10-10-98.

encl. The Sanitary Commr
having reported that the sym-
dicate in France are not
prepared to undertake the
manufacture of a steriliza-
tor of the dimensions required
for the Chief Secretariat. L. Col
King is authorized to set up a Pasteur machine
filter.

Min. Report

2. L. Col King requires
for this work a further sum
of Rs 290 in addition to the
Rs 300 sanctioned in the G.O.
read above. The Act passed
will be authorized to place
the

the amount at Dr King's disposal from savings under 10 H. General Admin. - Civil Servts. - Chief Secretariat - Contingencies - "Purchase of furniture".

Noted 3/10/99
Cont 6. x 91

Noted

Noted 7.10.99

The Aut General. (2 of 1)
... Secretary Commr. (6 of 2)

2 copies to additional allotment file. (A of 1 separately)

(2 of 1 & 6 of 2 separately)
B.C. in original

Noted 16.10.99

Return the file to H.C.
Please. M.

10-7-99

Returned to H.C./M.
16/10/99

When given for copying
When copied
When examined
When signed

READ AGAIN G.O., No. 189, DATED

CURRENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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N.B.-
A = Copy in full.
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