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28-6-17 ✓

CONFIDENTIAL.

Revenue (1899) Department.

MISCELLANEOUS SERIES.

G.O., No. 1330 + 1331

Confidential No. 43.

Dated 6th April 1899

[Despatch Abstract.]

Addressing the Govt. of India
regarding Mr. Standen's deputation to
Java.

BACK PAPERS.

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

FURTHER PAPERS.

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

Confidential.

Revenue (1897.) Department.

CURRENT No. 1015

corrupt no 20

From

*The Director of Govt.
Cinchona Plantations
Belgiris*

Order

No. 7.

Dated 7th February 1899.

Received 9th do

Registered 9th do

Enclosures one.

Spare copies

SUBJECT.

*Cinchona cultivation
and manufacture of
Quinine in Para.*

*Forwards a Memoir
andam drawn up in
conjunction with Major
Plain J. M. S. in reference
to the principal points
on which information
is required in reference
to the Subject of—*

BACK PAPERS.

G.O.	No.	Department.	Date.

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G.O.	No.	Department.	Date.

Cinchona Cultivation & Quinine Manufacture in Java
 Points for enquiry and determination

Cultivation. The total area under Cinchona

(a) ledgers

(b) Crows

(c) Succession

(a) Total area of mature trees

(2) % of trees not yet in bearing.

The question of extensions. Is the area increasing annually or is it decreasing.

Extensions made on new or old land?

If on old land, to what extent, and with what success?

Is the bark on replanted land equal in alkaloidal value to that obtained from virgin land and is the growth of the tree equally vigorous? What is the analysis of the soil?

Is a period of fallow considered necessary before replanting land with Cinchona? If it is, how long a period is required?

What is the ~~natural~~ growth nature of the natural growth while land is under fallow

Seed

Is the seed taken from selected trees of known richness in alkaloids? If this is done, is the practice confined to any one variety or to all kinds of

Are plantations maintained for the express purpose of yielding seed? If so, do they receive any particular treatment with a view to improving the quality of the seed.

When is the seed harvested?

Is attention paid to the age of the parent tree or the generation to which it belongs?

Is seed of the best varieties available for sale?

If so, where and how can it be obtained and to what extent is it available?

Has any deterioration of the seed been observed?

Are the seedlings now raised as vigorous as those raised from the seed first introduced, and is the growth of the young plants up to the 5th or 6th year as free and healthy as in the early days of the Cinchona Enterprise?

How far do the facts thus ascertained apply to all the varieties?

To what extent are Cinchona plantations derived from

(a) seedlings

(b) grafts

(c) cuttings

If grafting is the in favor what method is adopted?

Nurseries

Are any special methods adopted in preparing the seed beds and in sowing and transplanting the seedlings? What is the cost of raising seedlings per thousand?

Planting

At what age, dating from the germination of the seed, are the plants considered fit for planting in the open field?

How is the ground prepared for planting

(a) If heavy forest

(b) If grass land

(c) If old land

At what distance apart are the plants put out?

Are the plants put out in plant baskets, or are any other special methods taken to prevent disturbance of young roots?

Are the plants shaded or protected in any way after planting?

What is the total cost of opening an acre to end of 1st year on the three descriptions of land noted above?

Upkeep

Is the soil kept free from weeds? and to what

Salut is the ground cultivated?

What is the ordinary cost of upkeep per acre per annum?

What are the rates of pay for coolies and what is the cost of their food?

Is manure used in any form? What does it cost per acre?

At what age are the trees considered sufficiently mature to yield marketable bark?

What is the annual expenditure per acre on upkeep of buildings, roads, and drains?

Harvesting

(a) Thinnings What is the yield of dry bark per acre per annum?

What does this bark cost to harvest?

(b) Cropping What is the usual method adopted?

Is what is called stripping the process adopted?

Is what is called chaving the process obtained?

What are the effects of the above processes on the trees?

What is the cost of harvesting the

(a) By the stripping process

(b) By the chaving system

(c) Coppicing Is what is called coppicing practiced?

Are whole plots coppiced clean or is intercoppicing done?

Are the trees cut to ground level or above the collar?

Are the stools trimmed and are they coated in any way to prevent bleeding?

How many shoots are left?

(d) Uprooting Are whole plots uprooted? If so, at what age?

What are the relative proportions of root, stem and branch bark?

What is the cost of harvesting the

(a) by the coppicing

(b) by uprooting

Drying

Is the bark dried in the sun or by artificial heat?

If dried in the shade, what kind of sheds are used?
What is the cost of drying ~~the~~

Packing &

Fright.

How is the bark packed for export?

What is the cost of packing and transport to coast F.O.B.

What is the ordinary rate of freight to Amsterdam ~~the~~ bark

What do freight and home charges amount to?

What would the freight be to Calcutta and Madras?

Is there any prospect of getting bark from Java?

Miscellaneous

What would be the ordinary total expenditure on an estate of 200 acres under the heads Establishment, Upkeep, Buildings, Crop and Miscellaneous?

Quinine Manufacture

Is bark purchased outright from the planter, at so much ~~the~~, or is it bought on the basis of the output of Sulphate of Quinine in bark or after laboratory analysis?

If bought on analysis how are the samples drawn?

To what degree of fineness is the bark powdered?

What machinery is used? What is the motive power and what is the cost of grinding ~~the~~? How much per cent is lost in grinding?

Is the bark dampened before being put into the vats to lime or caustic soda used. What is the proportion of alkali to dry bark?

What solvent is used? and what is the proportion of solvent to dry bark? What quantity of water, if any, is added?

Where is the alkali obtained? And the solvent?

What is the cost of each delivered at the factory?

What kind of vats are used? and of what capacity?

Where can they be obtained? What is their cost?
How much bark is treated at a time in each vat?
Is the bark agitated by hand power or by machinery?
How long is the agitation continued? How long is
the mixture allowed to settle after agitation?
How is the solution drawn off? If by pump or
siphon what is the character of the appliance, and
what is its cost? When can it be obtained?
What is the strength and volume of the Sulphuric Acid used
to wash the solution? How is the volume estimated?
What is the consumption and cost of the chemicals used $\frac{1}{2}$ lb of bark and $\frac{1}{2}$ lb of Quinine.
What description of pan is used for boiling the
solution (acid liquor)? Is the solution made
quite neutral or is it considered necessary to leave
it slightly acid? Is the solution passed through
a filter into deep or shallow pans for evaporation
and crystallization or is filtration at this stage
considered unnecessary? If filters are used
what kind are they? What kind of pans are
used for crystallization? And of what capacity are
they? How long is the solution allowed to
crystallize? How are the crude crystals separated
from the mother liquor? What is done with the
mother liquor? Are the crude crystals dried before
being purified? What is used for purification?
What kind of filter is used? Are the ~~the~~ pans
used at this stage for crystallization the same
as those used for the crude crystals? How are
the purified crystals separated from the Cinchonidine
liquor? What is done with the Cinchonidine liquor
After separation, how are the purified crystals dried?
Is mechanical drying resorted to? If so, what is
the nature, ~~and~~ capacity and cost of the centrifuge
employed? How long does the drying take?
Does this kind of drying leave the crystals
unbroken? Does it replace the drying on

Plaster of Paris slabs? Does it obviate the necessity for a hot chamber? Does it dispense with the necessity for keeping apart the crystals before packing? How is the Luminine packed? Are the tins made locally or purchased ready made? Are the lids of the tins soldered? Are bottles used? What do the tins cost in either case? How are the tins packed for shipment? How much does a can contain? Is it hooped? What does the can cost? and of what wood is it made? What is the freight to Europe? What is the total cost of manufacture from start to finish? What are the makers charges for selling the Luminine in Europe?

Wm. Stauden
Director of Government Cigarette Plantation

Plaster of Paris slabs? Does it obviate the necessity for a hot chamber? Does it dispense with the necessity for raising apart the crystals before packing? How is the Lamine packed? Are the tins made locally or purchased ready made? Are the lids of the tins soldered? Are bottles used? What do the tins cost in either case? How are the tins packed for shipment? How much does a case contain? Is it hooped? What does the case cost? and of what wood is it made? What is the freight to Europe? What is the total cost of manufacture from start to finish? What are the brokers charges for selling the Lamine in Europe?

Wm Stauden
Director of Government Cinnamon Plantation

Confidential.

No. 7.

OFFICE OF THE DIRECTOR OF
GOVERNMENT CINCHONA PLANTATIONS.

OOTACAMUND 7th February 1899.

From

W. M. STANDEN. Esq.,

DIRECTOR OF THE GOVERNMENT

CINCHONA PLANTATIONS,

Nilgiris.

To

The Secretary to Government.

Revenue Department

Fort St George

SIR,

*With reference to para
5 of the Government of India
letter No 2509. 34. 11. dated the
16 September 1898 embodied
in G. O. No 746 Revenue
dated the 6. December 1898,
I have the honor to enclose
a Memorandum drawn up
by Major Prain I. M. S. &
myself, showing the principal
points on which information
is required in reference to
Cinchona Cultivation and the
manufacture of Quinine in India.*

I have the honor to be

Sir

Yours most obedient Servant

Wm Standen

Director

Report

My dear Standen

I am in reply to your letter
to ~~me~~ 7 & 7. 2-99

forwarding a memo of the
^{concerning in cinema}
matter for which

information is to be gathered
in Java and to ask that

you will be good enough
to report what time we

be most suitable for

your visit, how long

you are likely to be away

& what arrangements you

would suggest for the

conduct of business in

your absence. ~~As~~ It is

presumed that you

have savings in your

Budget sufficient to

cover the cost of your

deputation. ~~It is to be~~

~~later place before 31st~~

~~March 1900 next.~~

Yr
11/12/99

13/1/00

O.O. no 36

24 13. 2. 99

Desks 13/2/99

19-2-99

Uganda

also file in case x
submit this to the
Separate
Lan

O.O. no 36

dy 13. 2. 99

Desd 13/2/99

19-2-99

My dear Standen
I am happy to have your letter
to ~~me~~ 7 & 7. 2-99
forwarding a memo of the
matter ^{concerning} ~~concerning~~ ⁱⁿ ~~in~~ ^{which} ~~which~~
information is to be gathered
in Java and to ask that
you will be good enough
to report what time would
be most suitable for
your visit, how long
you are likely to be away
what arrangements you
would suggest for the
conduct of business in
your absence. I have
presumed that you
have savings in your
Budget sufficient to
cover the cost of your
deputation. ~~It is~~
~~the place before~~
~~March 1900~~

W
12/2/99

Revenue (1899) Department.

DO CURRENT No. 50

From

W. Standen Esq.
Director of Forest Cinchona
Plantations-
Nigeria.

No. —

In Orders

See

Mr Standen proposes to go to Java
in April & be away some 6 weeks
to 2 months. He reports that there
is some chance of Bengal asking
that he be allowed to visit Mungpo
on his way back. To be in charge
during his absence, Mr Standen
suggests, as before, Mr H.V. Ryan the
Supt of Dadabellu.

Dated 17th February 1899

Received } 20th ..
Registered }

Enclosures —

Spare copies. —

SUBJECT.

Stating that April & May
will be the most suitable time for his
proposed visit ^{to Java} and suggesting certain
arrangements for the conduct of
business during his absence from
Botacasmund. &c.

There seems to be no
objection to the proposals.

11/6
23/2/99

H.S. please speak as
regards Mr Standen
for office mtd
the present to Java by
1/2/99

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OFFICE OF THE DIRECTOR OF
GOVT. CINCHONA PLANTATIONS

Leading from
Colacumund, 17. 2. 1899.

My dear Sir. I have received your letter of 13th Inst and with reference to my proposed visit to Java, I think the most suitable time for my visit would be April and May.

The rainy season in Java lasts till the end of March and I think it would not be advisable to visit the plantations during the rains. For if the weather happened to be misty as well as wet, I should not be able to get a good idea of the country. However, there are many good reasons for my staying here until the end of the current financial year. The chief

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being the importance of closing the year accounts, and making definite arrangements for the bark to be purchased during 1899/1900.

It is difficult for me to say how long I am likely to be away, but I should think that an absence of 6 weeks to 2 months would give me sufficient time to gain a considerable amount of information regarding Cinchona and Quinine in Java.

Perhaps I should mention here that Major Prain told me that he was going to ask the Bengal Govt. to request the Madras Govt. to allow me to visit the Larjeling Cinchona Plantation

on my return from Java. If this proposal is made and sanctioned I should be able to give the Bengal Director without delay the benefit of all the information I had obtained in Java, and should be in a position to decide whether the State oil used as a solvent in the Bengal factory is as effective as the first oil used at Madisallam.

As to the conduct of business during my absence, I would suggest for the favorable consideration of the Government that Mr. H. V. Ryan the Superintendent of the Doddabatta Govt. Cinchona Estate might act for me without prejudice to his present duties. Mr. Ryan has been in charge of the Doddabatta Estate for a number of years and references to his good

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work will be found in the annual Reports of this Department. He is a thoroughly capable planter, and I feel confident that the work on the Solates would be both and economically carried out under his direction.

Mr. Ryan has no knowledge of the business of Lumber manufacture, but this branch of the work may safely be left for a couple of months in the hands of Mr. E. Collins the Supr of the Padivallu and Hooker Solates -

Mr. E. Collins is the senior Supr by length of service, but my chief reason for not recommending him to act for me is that he could not be spared from the Factory for office work, whereas Mr. Ryan

could attend to office duties in Ottumund without prejudice to his work on the Solates, which during April and May is not heavy.

As to the cost of my deputation, if I had fore this year, it could have been met from savings in the Budget, for I have surrendered Rs 8100. But as no provision for my visit to Java has been made in the Budget for next year, it may be necessary to ask for an additional allotment later on.

If Government agrees to my proposals I would make arrangements to start early in April and would hope to be back by the first week in

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done in time for the planting
of the second 80 acre extension.

Yours sincerely
Wm Stauden

2/22/24
J. H. Stauden

Mr Standen's Visit to Java.

Res Dept

Semi official
Letter from Mr Standen
Director of M. G. C. P.
8 17 Feb 99

Dear

This is Mr Standen's
E reply to our do. of 13.2.99

Mr Standen proposes
to go to Java in April
& be away some 6
weeks to 2 months.
He reports that there
is some chance of
Bengal asking that
he be allowed to
visit Mungpos on
his way back. To be
in charge during his
absence Mr Standen
suggests, as before, Mr
H. V. Ryan Supt of Doda-
hetta

There seems no
objection to these proposals.
India has presumably
~~to~~ be addressed by
Sanction Mr Standen's

Mr Standen's Visit to Java.

Reo Dept

Deini official
Letter from Mr Standen
Director of the G. C. P.
8 17 Feb 99

See

This is Mr Standen's
E reply to our do. of 13.2.89
Mr Standen proposes
to go to Java in April
& be away some 6
weeks to 2 months.
He reports that there
is some chance of
Bengal asking that
he be allowed to
visit Mungpos on
his way back. To be
in charge during his
absence Mr Standen
suggests, as before, Mr
H. V. Ryan Dept of Doda-
katta

See Encs no
objection, Encl. for
India of spec
to add to this
Sanction Mr Standen's special

deputation to Java for
the 'm said in para 4
of our letter to 7478
6-12-99 that we

adhered to the opinion
that Mr Standen should be
deputed, it was also
stated that the deputation
was to be deferred until
after the ~~the~~ the
Conference between

Mr Standen & Major Percin West
Under Art. 98 of
the C.S.R. the deputation
allowance admissible
to Mr Standen will
come to Rs 110 p.m.

If it is thought he should
get more say Rs 10 a
day the sanction of
India will be necessary.

It is presumed that
Mr Standen will be
in actual travelling
expenses (not hotel or living
expenses) plus a deputation
allowance. This provision
has been made.

But, it is not yet
settled as it is believed that
it will accept modification up to 11 months.

deputations to Java
to that end would
be necessary in order to
be able to do so.

the same was said
in the letter to 7478.

$\frac{1}{5}$ of his salary after 1st April 99
say Rs 530.

India will not be
done as that its
sanction is even necessary
S.K.

See my account a
month from Bengal
S.K.

Lastly, it is for consideration
whether India should be
addressed at once or
whether we should ^{first} ask
Bengal whether any
commence in Mr Standen's
visit to Mungpos may
be expected.

Mr
27/12/81

With Fm. Dpt say what
allowances may be paid
to Mr Standen, I had
provision made.

S.K. 27/12/81
In Dpt. is

are

7
special

Financial Dept

Reve C. N^o 1015 and
Reve D. O. N^o 50 of 99

Note for the Chief Secretary

In article 73 of the C.S.R

it is said that a Local Govt

may authorize any of its

officers to proceed on duty

to any part of the territories

within its own jurisdiction,

and also to any part of

British India beyond the

limits of its own juris-

diction when the pay and

allowances are ~~wholly~~ or

~~partially~~ chargeable wholly or

partially to Provincial

Revenues. Presumably

therefore this Govt is

not, it is submitted,

competent to sanction

Mr Standen's deputation

to Java.

As regards the

deputation and of

allowances admissible to
Mr Standen, it is submitted
that the ordinary pro-
visions of the C. S. R. do
not appear to be applicable
to his case as articles
94 to 99 ~~are~~ ~~to~~ ~~are~~

~~are~~ regarding temporary
appointments and deputa-
tions seem to contemplate
the cases of officers deputed
to places within British
India only. This view
is strengthened by the fact
that in articles 103 and
104, separate rules are
laid down for the grant
of allowances to officers
specially deputed to, or
detained in, Europe
on civil duty.

Under the ordinary
rules the deputation
allowance admissible
Mr Standen is, as
set out in the note

article 98

article 99

of the Revenue Dept. dated
the 27th ultimo, Rs 110
per mensem. He is also
entitled to draw the
usual travelling allowance
if other duty on which he is
to be deputed is in ~~the nature of~~
a new permanent appoint-
ment.

No information is
available as to the exact
amount of the travelling
expenses that would be
required for the journey
to Java and back. On
receipt of information
on this point from the
Revenue Dept and on the
question whether Mr
Standen's case should
be brought under the
ordinary provisions
of the C. S. R. or not being
decided, steps may
be taken in Financial

...admissible to

to obtain India's sanction
by wire before the 10th
instant for the additional
^{amount}
~~sum of money~~ being
provided for in the
Cinchona Dept Budget
Estimates for 1899-1900

Go 1094 Incl d 22-11-98 F

Perhaps it would be
safer to refer the whole
question to the Accountant
General U.O.

Wm
2-3-99

In the C.S.

If India is to be
referred to in regard to the
deputation of Mr. Standen —
and this seems to be necessary —
a reference to the A.G. does not
appear to be necessary. The Cinchona
Budget grant for the year is
a fairly comparatively large one
148 against actuals of 197 in
1897. 98 and this will probably
be savings in the grant from which

Telegram despatched
to India on 4-3-99
Wm
4-3-99

to meet the expenditure in connection
with Mr. Standen's trip. As,
however, there is time the more
correct procedure of asking India
to ~~increase~~ ^{increase} the grant may, it is
thought, be adopted. Perhaps
a round figure of Rs 3000 may
be taken. Financial might
^{write} ~~write~~ at me & return the file to
Rev.

Chel
3-2-99

3/3/99

Rev
Fur. Dpl 100

Rev Dept.

Wait a week then put up again
if no letter from Bengal comes
^{file}
10/3/99

See

Bengal ~~has~~ not yet ^{written}
in ~~the~~ ^{regards} Mr
Standen visit to Mungpo
on his way back ^{from} ~~from~~ in his d.
98.3.99 Mr Standen states
that he would like to start
from Calcutta about the
22nd April next.

It would therefore

allowances admissible to

to obtain India's sanction
by wire before the 10th
instant for the additional
^{amount} ~~sum~~ of money being
provided for in the
Cinchona Dept Budget
Estimates for 1899-1900

Go 1094 File d 22-11-98 F

Perhaps it would be
safer to refer the whole
question to the Accountant
General U.O.

Wm
2-3-99

In the C.S.

If India is to be
referred to in regard to the
deputation of Mr. Standen —
and this seems to be necessary —
a reference to the A.G. does not
appear to be a ~~bad~~ idea. The Cinchona
Budget grant for the year is
a fairly comparatively large one
148 against actuals of 97 in
1897-98 and there will probably
be savings in the grant from which

to meet the expenditure in connection
with Mr. Standen's trip. As,
however, there is time the more
correct procedure of asking India
to ~~increase~~ ^{increase} the grant may, it is
thought, be adopted. Perhaps
a round figure of Rs 3000 may
be taken. Financial might
^{will} ~~not~~ at me & return the file to
Rev.

yes
Telegram despatched
to India on 4-3-99
Wm
4-3-99

Chel
3-288
3/3/9

Rev
F. D. L. C.

Rev Dept.

Wait a week then put up again
if no letter from Bengal comes
file
16/3/99

See
Bengal has not yet written
information as regards Mr
Standen visit to mungpo
on his way back ^{from} in his de.
28.3.99 Mr Standen states
that he would like to start
from Calcutta about the
22nd April next.
It would therefore

seem advisable to address
India at once, order to
Mr Standen to come back
via Bengal can issue
later if necessary.

In order to address
India, order are requested
as to the allowances we
are to ask for Mr Standen.

All actual travelling
Expenses to be determined
by the Govt after getting
a bill from Mr Standen
& a deputation allow of
Rs 10 per diem would
seem fair terms.

W.H.
11/3/99
I think the proposal at
* may be approved
H. 11/3/99

Secy
A draft G.O. & draft
letters to Bengal & India
are submitted below for
approval; also a d.o. to
Mr Standen 11/3/99

10
1/12
J.S.P.

A
I don't quite see why
he shd not be content
with full pay +
travelling expenses while
on a delightful
pleasure trip -
I wd limit the
deputation allowance
to Rs 5 per diem -
W.S.
13-3-99

Very well. I enclose.
21.3.99
The Governor
14/3/99

Recd
24/3/99
Mr. Letter to India, after
this Dept has seen. I think
a d.o. to Bengal, to better than
addressing them officially.
28/3
for Dept use

Finl Dept

Note

The budget estimate
of charges under 26 F. Scientific
re Dept. - Chinchona Plantations
for 1899-1900 was fixed at
148 in the Preliminary Finl
Budget Estimate. The Govt. of
India enquired through the
Secy, Finl, whether this
provision could not be
reduced to about a lakh
of rupees. ~~2000000000~~
In para. 17 of the letter
no. 276 Finl, D, 20 Feb. 199,
the Govt requested that the
figure proposed by it might
be allowed to stand. Sub-
sequently on the 4th March
the Govt. of India was
requested by telegram to
add Rs 3000 to the budget
on account of Mr Standen's
deputation to Java. The
figure finally passed by
the Govt. of India is however
the estimate proposed by
this

vide page 188
of C.P.C.

G.O. no. 275-276
Finl, D, 20/2/99.

this font, viz: 1.48; and it cannot be said for certain that this contains provision for charges connected with Mr. Standen's deputation as the details of the distribution of the grant are not yet available. It is probable that the font of India has considered the amount large enough and has redistributed the allotment so as to provide for Mr. Standen's allowance. But as the matter is doubtful and as it now rests with this font to provide the necessary funds from the Cinchona budget or by reappropriation from other heads it is submitted that the allusion in the draft letter to the font of India below to the telegram to that font, requesting that the necessary provision might be made in the budget, may be left out.

Vide page 24 of
Fml. statement.

India's letter on the budget (recd. yesterday) throws no light on the matter

Cmb.
4.4.99

Finl. Dept
Despatch 4-3-99
Telegram
To the font of
India, Finance & Commerce
Calcutta.

120 Please see para. 4 of letter 747 Revenue 6th December 1898 to Department of Revenue and Agriculture regarding Standen's deputation to Java and add Rs (3000) three thousand to budget for 1899-1900 under 26 F Scientific & Depts. Cinchona Plantations.

4/3/99 Cmb.
4.3.99

Fair Signed by C.S.
(H.H. Mr. Forbes)

Done
V. Sen
4-3-99 { Submit with fan to C.S.
H.H. Mr. Forbes
& this telegram (after Des)
H.H.
Cmb.

4/3/99

Cmb. 4.3.99

A.D. 4.3.99

H.H. Mr. Forbes

Financial Department

Telephone message

From

The Chief Secretary

To

The Accountant General

"India has been requested by wire to add Rs 2,000 to budget for 1899-1900 under 26 F Scientific & Departments - Cinchona Plantations for charges in connection with Mr. Standen's deputation to Java."

Cmb
mes
6/3/99

MA
6.3.99

Please return to BC
after despatch.

14.57
6.3.99

Revenue (1899) Department.

D.O. CURRENT No. 72

From

William Standen Esq

Director of the Government
Cinchona Plantations
Nilgiris

No.

Order

Dated 8th }
Received 10th } March 1899
Registered 11th }

Enclosures

Spare copies.

SUBJECT.

Regarding his visit to Java

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

OFFICE OF THE DIRECTOR OF
GOVT. CINCHONA PLANTATIONS.

Laduwatu Detacamund, 8. 3 1899.



My dear Forbes

With reference to my

proposed visit to Java,

I learn that steamer (Munro)

leave Colombo for Singapore and

Batavia on 9th and 26th April

arriving at Batavia on 18th April

and 4th May.

The date that is most convenient

is the 26th April and this would

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

recommit my leaving 00th
about the 22nd prox.

There has been a very considerable
rise in the Bank market
within the last few weeks.
The limit is now $1\frac{3}{8}$ and
as I have made provision in
my next Budget for the
purchase of bank at 1 penny
the limit, I am afraid I

shall have to ask for an
additional grant, unless
the market falls in April.

Yours sincerely
Wm Sturges

D.O. no 66
dy 29. 3. 99

OFFICE OF THE DIRECTOR OF
GOVT. CINCHONA PLANTATIONS,

Kaduvataw Calcutta, 24. 3. 1899.

My dear Sirs

I shall much ~~be glad~~ if
you will let me know if
anything has been settled
about the date of my visit
to Java, and if my
suggestion as to Mr. Ryan
acting for me has been
approved.

I am unwilling to trouble you
but as I shall have to make

My dear Standard

With reference
you do I 24th inst
I am to tell you that
the sanction of the Govt
India to your
proposed deputation to
Java has been applied
for. The Govt of Bengal
has also been addressed
as regards ~~the~~ the
question of your visiting
Bengal.

[Signature]
28/3/99

D.O. No 66
dy 29. 3. 99

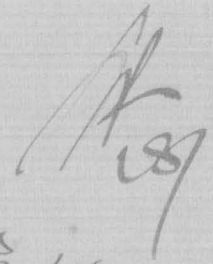
Issued
29/3/99

Yours as far as the output of
the Factory is concerned.

Yours Sincerely
Wm Stauden

My dear Stauden

With reference
to your do. d 24th inst
I am to tell you that
the sanction of the Govt
of India to your
proposed deputation to
Java has been applied
for. The Govt of Bengal
has also been addressed
as regards the
question of your visiting
Bengal.


Wm
28/3/99

Rev Dept

Read again G.O. 746 & 6 Dec 98

also letter from the

Director of the Govt Cui

Chona Plantations

No 7 & 7-2-99 (Am no

1015 of 1899

G.O. Misc. 1330 of 6. 4. 99

encl no 43

The ~~Director of the~~

folly letter with it addressed

to the Govt of India. ~~to~~

~~the Govt of Bengal~~

~~the~~
22/3/85

Letter 1331 of 6. 4. 99

encl 43

To the Secy to the Govt of India

Dept of Rev & Agr

Li

I am directed to refer
to my letter No 747 &
6 Dec 1898 in which it
was intimated that the
deputation of Mr Standen
the Director of the
Govt Chichona Plantation
the helpline to Java to
study the conditions

Recd
7/4/99

of cinchona cultivation
& genuine manufacture
is to be deferred until
after Major Prain's
visit to ~~Madagascar~~ ^{the Nilgiris.}

I am now to state
that Major Prain
& Mr Standen have
in consultation drawn
up a memorandum
as regards the principal
points on which inform-
ation is required on
the subject. A copy of
this memorandum
is enclosed.

2. H.E. Mr Genl C now
~~proposes~~ proposes
to depute Mr Standen
to visit
~~Madagascar~~ Java
for a period of 2 months
including the period of
~~Spontaneous~~ his voyage
there & back. It ~~is~~ ^{is} ~~is~~ ^{is}
in convenient that Mr
Standen should visit
Bengal on his return
voyage & that ^{confer} ~~communicate~~
with Major Prain ~~on~~ ^{on}
the results of his tour, and the wishes of the
~~Major Prain~~ Govt of Bengal on the matter will be
ascertained.

to carry out the inquiries
contemplated.

In a telegram from the Fin Dept
of this Govt of 4-3-88 the Govt
of India (Fin & Com Dept) has
been asked to include a sum
of Rs 3000 in the Budget estimates
of the Cinchona Dept for 1895-1900
on account of ~~the Standen~~ the
proposed visit to Java.
Vide ^{Dept} ~~Dept~~ ^{below} ~~below~~ ^{the} ~~the~~

~~The Govt of Bengal~~
~~has decided on the~~
~~following points~~ In the
meanwhile, I am to
request the formal
sanction of the Govt of
India to Mr Standen's
deputation & to the
payment to him of
a deputation allowance
of Rs 5 per diem plus
actual travelling expense,
to be determined by
this Govt on Mr Standen's
return.

4. Similar arrange-
ment will be made
for the charge of the
Cinchona Plantations
^{genuine} & factory during Mr
Standen's absence.

5. It is proposed that
Mr Standen should start
from ~~Madagascar~~ ^{Calcutta} ~~about~~
^{on} the 22nd of April next
& I am accordingly to
request that, with the
permission of H.E. Mr G.C.
C, the sanction of the
Govt of India may, if

of cinchona cultivation
& gumine manufacture
is to be deferred until
after Major Prain's
visit to ~~Madagascar~~ ^{the Nilgiris.}

I am now to state
that Major Prain
& Mr Standen have
in consultation drawn
up a memorandum
as regards the principal
points on which inform-
ation is required on
the subject. A copy of
this memorandum
is enclosed.

2. H.E. Mr Genl C now
~~proposes~~ proposes
to depute Mr Standen
to visit
~~Madagascar~~ Java
for a period of 2 months
including the period of
~~his~~ his voyage
there & back. It ^{may} be
convenient that Mr
Standen should visit
Bengal on his return
voyage & then ^{confer}
with Major Prain ^{on}
the results of his tour, and the wishes of the
~~Major Prain~~ ^{Govt of Bengal on the matter will be ascertained.}

to carry out the inquiries
contemplated.

In a telegram from the Fin Dept
of this Govt of 4-3-88 the Govt
of India (Fin & Com Dept) has
been asked to include a sum
of Rs 3000 in the Budget estimates
of the Cinchona Dept for 1895-1900
on account of Mr Standen the
proposed visit to Java.

Vide
Fin Dept
note below

~~The Govt of Bengal~~
~~has decided to~~
~~call a point~~ In the
meanwhile, I am to
request the formal
sanction of the Govt of
India to Mr Standen's
deputation & to the
payment to him of
a deputation allowance
of Rs 5 per diem plus
actual travelling expenses,
to be determined by
this Govt on Mr Standen's
return.

4. Similar arrange-
ments will be made
for the charge of the
Cinchona Plantations
^{gumine}
& factory during Mr
Standen's absence.

5. It is proposed that
Mr Standen should start
from Madras Colacannam
about the 22nd of April next
& I am accordingly to
request that, with the
permission of H.E. Mr G.C.
C, the sanction of the
Govt of India may

There is no objection to
commenced by telegraph.

27/3/88 28/3/89

only
JUL

D.O. no 80 d/10. 4 88
Couper no 44

Secy

sent to Secy
12/4/89

My dear Baker
& connection
with the question of
Cinchona cultivation &
genuine manufacture
on the Nilgiris, this
Govt proposed to depute
Mr Standen the Director
of the Govt Plantations
on the Nilgiris to Java
to study the conditions
of the cinchona market
there. The Govt of India
accepted the proposal
but suggested that
Mr Standen's visit
shd be postponed until
after the proposed
conference between him
& Mr J. B. Brown Esq.
(The Govt printed with my order 12/4/89)
This conference having
now taken place &
the report having
been drawn up in consultation

init for
of Bengal on the matter
ascertained.

a memorandum of the
chief ^{points} on which information
is required as regards
cinchona cultivation &
the manufacture of
gummi in Java, it
is now proposed that
Mr Stauden should start
for ~~his~~ a tour of
about 6 weeks in Java

It has been suggested
that the ~~Govt of~~ Bengal
cinchona authorities wd
like to know the result
of his ^{studies} investigations &
that it would therefore
be convenient if ~~he~~ he
~~should~~ were to visit
Bengal on his way
back & confer again
with Major Prain. I am
doubtful ^{whether this wd be agreeable to} ~~that the Govt of~~
H. H. Mr Stauden ~~in this~~
~~matter may be indicated~~
~~to the Govt~~ so that, if necessary,
Mr Stauden may receive
his instructions in good
time. He proposes to start

about the 22nd instant & wd
be therefore be on his way back in June ^{the}
for Bengal on the ^{7.4.21} ~~main~~ ^{ascendant}.

When given for copying _____
When copied _____
When examined _____
When signed _____

189

READ AGAIN G.O., No.
189

DATED

SECRET No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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

S.S.—

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