M.R.O. 14—10,000—21-4-22

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 898	Press / ~~Mis.~~
352-353	
Dated 20-4-1864.	

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, 20th April 1861.

No. 352. Read the following letter from Captain H. R. MORGAN, Officiating Conservator of Forests, to J. D. BOURDILLON, Esq., Secretary to Government, Revenue Department, Fort Saint George, dated Ootacamund, 15th April 1861, No. 447:—

SIR,

1. I have the honor to forward a proposition from Mr. Cross for the consideration of Government.

2. Mr. Cross proposes to collect seeds of the most valuable Quinine* yielding Cinchona and forward them through the Secretary of State to Ootacamund.

* *C. Condaminea.*
Pitayo.
Quina dulce.
C. Amarilla or yellow bark of Bolivia.

3. Mr. Cross stipulates that he is to receive £300 a year (the time about three years) and on its being certified by Mr. MacIvor that the plants raised from the seeds are established, he is to receive the balance of the £2,000 whatever that may be.

4. I think the Conservator of Forests should be the deciding authority as to whether the plants are established or not. The arrangement otherwise appears to me to be fair.

5. Mr. Cross, by his successful introduction of the red bark tree has proved his capabilities as a Collector, and I would strongly urge upon Government, that no time should be lost in accepting the services of Mr. Cross whose terms appear to me to be reasonable.

6. By having a constant succession of seeds of the best kinds, the ultimate establishment of promising plantations will be placed beyond a chance of failure.

7. To enable Mr. Cross to proceed to New Granada with due despatch, it will be necessary to address the Secretary of State at once to furnish Mr. Cross with the necessary funds, passports, and letters of protection. Mr. Cross goes home by the next Steamer.

8. Mr. Cross must make his own arrangements in England for the reception of the seeds there and the forwarding of them on to Ootacamund.

9. Mr. Cross should be furnished with a good Aneroid to read up to 8,000 feet at least, and some good Thermometers.

No. 353. ORDER THEREON, 20th April 1861, No. 898.

The Government do not think it expedient to accept Mr. Cross' offer.

(Signed) J. D. BOURDILLON,
Secretary to Government.

Ootacamund 13th April 1861.

To,

Captain H. R. Morgan

Offg. Conservator of Forests.

Sir,

In obedience to your request, I here give a brief sketch of the course I would incline to pursue, if employed to make collections of the most valuable species of Cinchona, which are found in the Republics of New Granada, Ecuador, and Bolivia.

2. In order to accomplish this arduous task, I would require to leave England in July, and would probably reach Guayaquil in August, from which place I would proceed immediately to *Loxa, the primitive locality of the Cinchona Condaminea. The seeds might not be ripe for some time after my arrival, but the time would be fully occupied in ascertaining the soils and temperature of the locality, and noting the General character of this much esteemed species of Cinchona. On making a sufficient collection of seeds, I would then retrace my steps to Guaya-

*In Ecuador.

-quil

=quil and despatch the seeds by first Mail
Steamer to England, from whence they ought
to be sent on to India without delay.

3. From Guayaquil I would then
proceed by Steamer to the Port of Buenaven=
=tura (New Grenada) and travel from thence
to Popayan, in order to collect seeds of the
Pitaya and Quinine dulce, the former, now
no longer to be had for exportation, and
the latter is unknown to Botanists.

4. As soon as I was able to collect
a sufficient quantity of seeds of these two
valuable species, I would (on my return
to Buenaventura) dispatch them by first=
Mail to England, to be sent on to their des=
=tination without delay.

5. From Buenaventura I could pro=
=ceed by steamer to Islay (Peru) and from
thence cross the Bolivian Frontier and lo=
=cate myself in some place where I can co
make collections of the Cinchona Amarilla
or yellow Bark of Bolivia, the most valu=
=able of all Cinchonas. In making collections
of the species here mentioned, I would also make
every effort to collect seeds of the less valu=
=able species found in Ecuador, New Grenada
and Bolivia.

6. The species, however, which I hold myself bound to introduce into India are, the C. Condaminea from Loya Ecua=dor, the Barks Pitayo and Ominine dulce from New Grenada, and the C. Amarilla or Yellow Bark of Bolivia. Along with these, however, I might succeed in making collections of seed of the less valuable spe=cies which are sometimes sold for Barks of greater value or mixed with them before Exportation, - thus for the last two or three years, no Pitayo Bark has been exported, but another Bark, resembling it in colour but of greatly less value is still supplied in tolerable abundance.

7. It is very probable, that I may have to return to some of the Localities a second time, in order to make collections of seeds, on account of the extreme uncer=tainty of the seasons, especially in New Grenada. I cannot, therefore, undertake to make these collections in any given space of time, yet I think, I might accomplish the whole within a perio-d of three years.

8. Each collection of seeds will be sent to England as soon as collected, accompanied by details of the soil, Tem=perature and any information which might

be useful on their introduction into India -

9. I would beg that at least one half of each packet of seeds be sent direct to Mr. McIvor, Superintendent of the Government Gardens, Ootacamund, and that his report of having reared the seeds and established the Plants, be received as conclusive proof of their introduction into India.

10. I will undertake the introduction of the forementioned species into India for the sum of £2,000, the Conditions being, that I receive the sum of £300 per annum whilst engaged in making collections of seeds in South America, the remaining sum to be paid as soon as their introduction into India has been satisfactorily proven.

11. As I have already stated, I will make every effort to collect seeds of the less valuable species of Cinchona, and perhaps I may succeed in making a complete collection of all the species which have been or are still exported, nevertheless the Conditions will be fulfilled on the successful introduction

into India of the C. Condaminea, Petayo, Quina dulce and C. Amarilla or Yellow Bark of Bolivia -

I have the honor to be &c.

(Signed) Robert Cowell.

(True Copy)

W. R. Mosman Capt. R.A.

Offg. Comr. of Forests

1861 Sept.

Enclos One.

In a letter from the Offg. Cons.r of Forests dated 15 april 1861 N.o 447.

Rs. 944-/61-

From,

Mr. R. Cross

To,

Capt.n H. R. Morgan
Offg. Cons.r of Forests.

Conditions under which Mr. Cross proposes to introduce four species of valuable Cinchonas for £200.

8,000 feet at least, and some good Thermometers -

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

W. Morgan Capt.
9th Regt. Cond. of Forests

Revenue & Ct Dept.
Pro: of Govt for April.
From,
No 944
The Offg. Conservr. of Forests.
To, The Secy. to Government
Rev: Department
Fort St. George.

Dated 15th April 1861.
Recd 19th April 1861.
No 1417
Conclr. Ore
No 898. 20th April

Submits for the consideration of Govt the Conditions under which Mr. Cross proposes to collect seeds of the most valuable Cinchona yielding Cinchona & forward them thro' the Secy. of State to Ootacamund.

With an order &

No 898

The Govt. do not think it expedient to accede to Mr. Cross' offer.

Fort St. Geo
20th April 1861

Lieut-

4 Copies to the Conservator of Forests. Dispd 20

No 352 & 353-