

Gobt. of 1882 Madras.

REVENUE.

—

*Communicated to
the Supply Committee*

Issued

Recd.

Encl.

G.O., 14th December 1882, No. 1409.

DECEMBER.

Budget Estimate of Chinchona
Plantations.

for 1883-84.—Reviewing —

12. The despatch from the Secretary of State, No. 31, dated 14th September 1882, arrived too late to allow of the instructions therein contained being carried out in the regular estimate for the current and the budget estimate for the coming year.

(True Extract.)

Acting Secretary to Government.

To the Conservator of Forests.
" Accountant-General with Budget Estimate.
" Financial Department.
" Public Works Department.
" Board of Revenue

Edw. J. Harrison.

100 Copies

2. **REGULAR ESTIMATE, 1882-83—Receipts.**—The receipts of the current year are calculated at Rs. 6,11,000, being in excess of the sanctioned estimate for that year and the actuals of 1881-82 by Rs. 1,11,000 and 39,000, respectively. The increase occurs in the following items:—

	RS.	RS.
(a) Value of bark sent home	1,58,500	6,12,000
(b) Do. supplied to the Madras and Bombay Medical Departments ...	1,000	1,000
(c) Value of bark sold locally	...	10,000
Total	1,62,500	6,03,500
Difference	...	1,11,000

The Conservator presumes that the large increase under (a) is due to the expected realization of a larger revenue from the sale of the products of bark sent home. There is reason, on the contrary, for believing that the credit under this head will be reduced owing to smaller consignments of bark being shipped to allow of local sales. The estimate will be reduced to Rs. 5,00,000. Up to date only

G.O., dated 18th February 1882, No. 212

Value of bark sent home	5,00,000
Do. supplied to Bombay Medical Department	1,500
Do. sold locally	1,19,000
Do. plants and seed	7,500
Total	6,28,000

estimate of receipts then will be Rs. 6,28,000.

3. **REGULAR ESTIMATE, 1882-83—Charges.**—The Deputy Conservator and the Conservator of Forests estimate the charges of the current year at Rs. 1,06,611. The correct total, however, of their figures is 1,06,111. The budget grant for the year is entered as Rs. 1,26,533. It is, however, only Rs. 1,08,533, and the Conservator's figure (Rs. 1,26,533) appears to have been arrived at by including the sum of Rs. 18,000

G.O., dated 7th December 1881, No. 1832

G.O., dated 21st December 1881, No. 1955.

...	1,08,533
...	1,06,111
...	2,412

year should always be added to the regular estimate.

4. Notwithstanding the repeated instruction of Government to the contrary several new charges are entered in the regular estimate which have not been sanctioned and no estimates for which have been submitted to Government. Attention is directed to the remarks of Government in reviewing the Chinchona Budget Estimates for a series of years beginning with 1879-80. The allotments will be allowed to stand as the works connected with bark are apparently of an urgent nature. With reference to the provision of Rs. 2,000 for the chairman, it should be observed that no authority is given for it.

5. **BUDGET ESTIMATE, 1883-84—Receipts.**—The receipts for the ensuing year are estimated at Rs. 5,00,000 by the Conservator, being the same as the sanctioned but Rs. 1,11,000 less than the regular estimate for the current year, and Rs. 72,000 less than the actuals of 1881-82.

	Actuals.
	RS.
* 1877-78	3,57,215
1878-79	4,00,354
1879-80	4,39,787
1880-81	4,34,261
1881-82	5,72,003

5)22,03,620

4,40,724

	RS.
Value of bark sent home	4,00,000
Do. supplied to Bombay Medical Department	1,500
Sale-proceeds of plants and seed	7,500

Total ... 4,09,000

	Actuals.
	RS.
1877-78	69,770
1878-79	73,680
1879-80	79,720
1880-81	96,100
1881-82	1,13,575

5)4,32,845

86,569

Sanctioned estimate for 1882-83..	1,08,533
Regular estimate do.	1,06,114

The average revenue of the last five years is Rs. 4,40,724 as shown in the margin.* The Conservator's estimate includes a sum of Rs. 70,000 expected to be realized by local sales of bark, but this amount will be omitted as no sales have been ordered for the coming year. The budget estimate of receipts will therefore amount to Rs. 4,09,000, or in round numbers Rs. 4,10,000.

6. **BUDGET ESTIMATE, 1883-84—Charges.**—The charges for the ensuing year are estimated in round figures at Rs. 93,500, being Rs. 12,614 less than the regular estimate for the current year.

The Conservator's estimate includes a provision of Rs. 1,200 for the purchase of a press for packing bales, and of Rs. 1,000 for water-supply to the Superintendent's bungalow. Of these provisions the second will be struck out and the first can only be allowed to stand subject to the submission of an estimate and subsequent sanction.

7. The remarks made in paragraph 4 apply also to the provisions of Rs. 1,000

for water-supply at Naduvatom and Rs. 1,000 for huts at Dodabetta. The former provision has been struck out and an estimate for the latter must be forwarded for sanction, though to obviate delay expenditure may be incurred before the estimate is sanctioned.

8. With reference to the Conservator's remark in paragraph 8 of his covering letter, it is observed that a final allotment of Rs. 8,374 was made in the estimate for 1882-83 for completing the Naduvatom buildings.

9. The Government are constrained to remark that the estimates, as submitted, are unsatisfactory and supply but little data or information in themselves for review. The amount of the estimate for 1883-84 depends chiefly on the varieties and the quality of the bark to be harvested, but nothing is said on this subject. The remarks of the Deputy Conservator in paragraphs 5, 6 (b) and 7 (a) and of the Conservator in paragraph 8 of their respective letters are not understood, and the figures given therein apparently do not correspond with those in the statements.

10. Nothing is said concerning, and no provision is made for, Items II and III in paragraph 9 of G.O., dated 21st December 1881, No. 1955, though the question referred to in paragraph 5 of G.O., No. 1280, dated 29th August 1881, has been decided.

G.O., dated 15th August 1882, No. 852.

11. The engagement of Professor Lawson having been finally settled by G.O., dated 14th October 1882, No. 1116, the sum of Rs. 8,000 will be added to the total estimate of charges. The charges will then amount to Rs. 93,500 (less Rs. 1,000 disallowed) + 8,000 or Rs. 1,00,500, the estimated receipts being Rs. 4,10,000.

Upkeep	...	...	+	3,955	7. The total regular estimate under "Working expenses" compared with the sanctioned grant shows a net decrease of Rs. 19,619 as per margin.
Collection of crop	...	...	-	17,000	
Buildings	...	...	-	7,971	
Other items	...	...	+	1,100	

8. The increase under "Upkeep" is provided for repairing the plantation roads, &c., damaged during the severe storms of the late south-west monsoon, as well as for replanting certain uprooted plots. The decrease under "Collection of crop" and "Buildings" is not explained, but under the latter it is apparently due to provision for Naduvatom buildings having been withdrawn agreeably to G.O., dated 13th February 1882, No. 397 W.

9. The total budget estimate compared with the regular estimate shows a net decrease of Rs. 12,255, appearing principally under "Buildings," against which a provision of Rs. 1,000 only is made for the year 1883-84 to meet the construction of cooly lines and for the Naduvatom water-supply project and some petty repairs.

10. Under "Establishments," &c., the regular and budget estimates are nearly identical, but compared with the sanctioned grant they show a small saving which is due to Mr. Rowson's resignation and the consequent revision made by the Conservator in the rates of pay of upper subordinates, &c., the cessation of personal allowances.

Working expenses	...	...	78,300	11. The estimate of the officer in charge under "Expenses" may be admitted in round figures as specified in the margin.
Establishments &c.	...	...	15,200	

EXHIBIT.

From H. A. GASS, Esq., Deputy Conservator of Forests in charge Chinchona Plantations, to the Conservator of Forests, Madras, dated Ootacamund, 7th September 1882, No. 347 C.

I have the honor to submit the budget estimate of receipts and expenditure of the Government Chinchona Plantations, Nilgiris, for the official year 1883-84. As the instructions promised in paragraph 1 of G.O., No. 1955, of 21st December 1881 have not yet been received, the budget has been prepared in the old form.

2. *Receipts*.—As all Government bark sent to England is worked up on Government account, and as the portion of adkalonds from last year's crop and the portion this year have not been communicated, the regular and budget estimate can only be given very roughly. In calculation the total of 1881-82 have been used as a basis to work upon. Rs. 1,000 were received by the sale of 100 bales of bark at Madras during the past year. It is proposed to sell 400 bales locally during the current year, which may be safely estimated to fetch Rs. 70,000. The same amount is therefore entered in the budget estimate for the coming year, as it is presumed that a similar quantity of bark will be disposed of locally. The total estimate of receipts is therefore Rs. 1,79,000.

3. *Charges*.—The charges for 1881-82 are put down as follows:

4. *Salaries*.—As Mr. Rowson has now resigned his office, the salary of the Assistant Superintendent will not exceed Rs. 2,000 per annum, and the salary of the Assistant Superintendent will remain the same, and so no alteration in the estimate is made and no remarks are needed. In accordance with the orders of the Conservator, the Head Overseer of Dodabetta becomes Assistant Superintendent (subordinate) and will remain at Dodabetta, having the additional charge of the Wood estate thenceforward. The Head Overseers will be at Naduvatom and Hooker, respectively. The figures in the budget estimate of the Assistant Superintendent and the Head Overseer at Naduvatom are taken from the budget estimate of the Assistant Superintendent of Forests.

5. *Nurseries*.—In the budget estimate Rs. 400 are provided against Naduvatom plantations and Rs. 500 in the regular and the budget estimates are entered against Dodabetta plantations to meet the cost of collecting chinchona seed.

6. *Upkeep*.—(a) *Working Charges*.—In the regular estimate an increase of Rs. 4,000 is shown. This amount will be spent in repairing the damage caused by the late storms to roads, bridges, drains, water-channels, &c., in the Naduvatom and Pykara plantations, and also in planting the uprooted plots alluded to in G.O., dated 7th December 1881, No. 1882. An increase of Rs. 1,000 is entered in the budget estimate for the Dodabetta plantation. This amount is required for planting up renewals and for interplanting.

(b) *Manure*.—The allotment in Naduvatom is as usual and calls for no remark. With the chattram erected at Naduvatom larger quantities of manure will be available which will require extra funds for application.

In Dodabetta the amount entered in the budget estimate is Rs. 1,000 less, as there are cattle in the estate and a larger sum is not necessary.

7. *Crop*.—(a) *Collection of Crop*.—A sum of Rs. 25,850 is entered in the budget estimate for 1883-84 to collect crop of 150,000 lb. of dry bark.

An excess of Rs. 1,000 occurs in the regular estimate under this head. Owing to the late severe weather the trees have suffered so much that the bark will not lift freely at Naduvatom, so that instead of a systematic collection of crop in previously-selected plots, we are obliged to divide our coolies into small parties and collect bark in various plots and under different systems of harvesting which are more expensive.

In the budget estimates a total increase of Rs. 1,200 is entered to cover the cost of purchasing some proper presses for packing the bales, the present system being a very bad one.

(b) *Carriage*.—Owing to the very heavy crop collected during the previous year, the actuals amounted to a rather heavy figure under this head. The small increase in the regular estimate is due to the fact of the Pykara bridge having collapsed and the roads having been much injured; the cost of transport from Naduvatom to Ootacamund has thereby increased.

8. *Buildings, New*.—Rupees 2,700 are entered in the regular estimate to be utilized as follows: Rs. 2,000 for the chattram, Rs. 500 for rebuilding the Writer's house, Rs. 200 for rebuilding a portion of the Overseer's house.

Both these buildings suffered a good deal in the late severe weather, and the end walls of the Writer's house collapsed altogether. It will have to be pulled down and rebuilt. The present roof can be used again, and the cost of rebuilding the walls should not cost more than Rs. 500.

A portion of the Overseer's house must be rebuilt, and this should not cost more than Rs. 200. In the budget estimate for Naduvatom Rs. 1,000 have been entered for possible works connected with a water-supply project for the Superintendent's bungalow; Rs. 1,000 have been entered for Dodabetta to cover the cost of erection of ten huts on that estate for coolies employed there, as the present accommodation is found to be too small.

9. The other items in the budget are as usual and call for no special remark except that having been able to plant up as much as we had intended. The blue-gum nurseries suffered so much from the wind and rain that the plants were nearly all destroyed.

The increase in the budget estimate is provided to meet the cost of firewood to be purchased during the coming year from the Forest Department.

10. Having been only recently placed in charge of the Chinchona Plantations, I am compelled to accept the figures supplied by the subordinates under Propagation, Upkeep and Crop.

ORDER—dated 14th December 1882, No. 1409, Revenue.

Miscellaneous.

Chinchona Plantations for 1883-84. The

* Notification at page 434 of the Fort St. George Gazette, dated 15th August 1882.

With the foregoing letter the Conservator of Forests submits, with his remarks, the budget estimate of the budget was received long after the prescribed * date, viz., 15th September last, although, as the Deputy Conservator in charge admits, he has but little to add to the figures furnished.

Gobt. of 1882 Madras.
REVENUE.

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1. 1. 1.

Encl.

G.O., 14th December 1882, No. 1409.

DECEMBER.

Budget Estimate of Chinchona
Plantations.

For 1883-84 - Revenue.

14TH DECEMBER 1882, No. 1409, REVENUE.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following letter from Major J. C. WALKER, Conservator of Forests, to the Secretary to Government, Revenue Department, dated 19th October 1882, No. 1256-C:—

I have the honor to submit the Budget Estimate of the Nilgiri Chinchona Plantations for the year 1883-84 with a brief explanatory note.

2. The total revenue of the past official year (1881-82), compared with the results of the two preceding years, shows a marked improvement, which is due to larger consignment of bark to England and the disposal thereof at better rates.

Actuals.	Revenue.
	RS.
1879-80	3,83,815
1880-81	4,34,261
1881-82	5,72,003

	1879-80.	1880-81.	1881-82.
	RS.	RS.	RS.
Establishments, &c.	13,928	13,931	17,264
Working expenses	65,796	82,174	96,305
Total	69,724	96,105	1,13,569

Actuals of 1881-82.	Sanctioned Estimate for 1882-83.	Regular Estimate for 1882-83.	Budget Estimate for 1883-84.
RS.	RS.	RS.	RS.
5,72,003	5,00,000	6,11,000	4,79,000

3. The expenditure has likewise exceeded the actuals of the previous years, increased outlay having been made on "Upkeep" and "Collection of crop."

4. Revenue.—The total regular and budget estimates under Revenue, compared with the actuals of 1881-82 and the sanctioned estimate for the current year, are shown in the margin.

5. The increase in the regular estimate has not been explained, but from the details of figures furnished by the officer in charge, it is presumed that a larger revenue from bark sales in England is estimated. The regular estimate also provides a total revenue of Rs. 70,000 from sales in Madras of 400 bales of bark, as the past experimental sales have proved successful.

6. The budget estimate for 1883-84 shows a diminution of Rs. 1,32,000 in sales in England, but has not been explained. As, however, the actuals, the sanctioned and regular estimates are high, the total budget estimate may be raised to Rs. 5,00,000.

12. The despatch from the Secretary of State, No. 31, dated 14th September 1882, arrived too late to allow of the instructions therein contained being carried out in the regular estimate for the current and the budget estimate for the coming year.

(True Extract.)

(Signed) P. P. HUTCHINS,
Acting Secretary to Government.

To the Conservator of Forests

- „ Accountant-General with Budget Estimate
- „ Financial Department
- „ Public Works Department.
- „ Board of Revenue

E. L. J. H. 1882

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2. **REGULAR ESTIMATE, 1882-83—Receipts.**—The receipts of the current year are calculated at Rs. 6,11,000, being in excess of the sanctioned estimate for that year and the actuals of 1881-82 by Rs. 1,11,000 and 39,000, respectively. The increase occurs in the following items:—

	1882-83.	
	Budget Estimate	Regular Estimate
(a) Value of bark sent home	Rs. 4,88,500	Rs. 5,32,000
(b) Do. supplied to the Madras and Bombay Medical Departments ...	1,000	1,500
(c) Value of bark sold locally	...	70,000
Total ...	4,92,500	6,03,500
Difference ...	...	1,11,000

The Conservator presumes that the large increase under (a) is due to the expected realization of a larger revenue from the sale of the products of bark sent home. There is reason, on the contrary, for believing that the credit under this head will be reduced owing to smaller consignments of bark being shipped to allow of local sales. The estimate will be reduced to Rs. 5,00,000. Up to date only

G.O., dated 18th February 1882, No. 212.

Value of bark sent home	Rs. 5,00,000
Do. supplied to Bombay Medical Department	1,500
Do. sold locally	1,19,000
Do. plants and seed	7,500
Total ...	6,28,000

estimate of receipts then will be Rs. 6,28,000.

3. **REGULAR ESTIMATE, 1882-83—Charges.**—The Deputy Conservator and the Conservator of Forests estimate the charges of the current year at Rs. 1,06,614. The correct total, however, of their figures is 1,06,114. The budget grant for the year is entered as Rs. 1,26,533. It is, however, only Rs. 1,08,533, and the Conservator's figure (Rs. 1,26,533) appears to have been arrived at by including the sum of Rs. 18,000

* G.O., dated 7th December 1881, No. 1882.
G.O., dated 21st December 1881, No. 1955.

Rs.
1,08,533
1,06,114
2,419

which was sanctioned as an extra * grant for 1881-82 and included in the regular estimate of that year as sanctioned by Government. The regular estimate shows a small saving of Rs. 2,419 on the sanctioned grant. A statement of bark sent home up to the date of submission of the budget, and of probable shipments in the remainder of the official

year, should always be annexed to the regular estimate.

4. Notwithstanding the repeated instructions of Government to the contrary several new charges are entered in the regular estimate which have not been sanctioned and no estimates for which have been submitted to Government. Attention is directed to the remarks of Government in reviewing the Chinchona Budget Estimates for a series of years beginning with 1879-80. The allotments will be allowed to stand as the works connected with upkeep are apparently of an urgent nature. With reference to the provision of Rs. 2,000 for "the chattram," it should be explained what chattram is referred to.

5. **BUDGET ESTIMATE, 1883-84—Receipts.**—The receipts for the ensuing year are estimated at Rs. 5,00,000 by the Conservator, being the same as the sanctioned but Rs. 1,11,000 less than the regular estimate for the current year, and Rs. 72,000 less than the actuals of 1881-82.

	Actuals.
	RS.
* 1877-78	3,57,215
1878-79	4,00,354
1879-80	4,39,787
1880-81	4,34,261
1881-82	5,72,003
	5)22,03,620
	4,40,724

Value of bark sent home	Rs. 4,00,000
Do. supplied to Bombay Medical Department	1,500
Sale-proceeds of plants and seed ...	7,500
Total ...	4,09,000

	Actuals.
	RS.
1877-78	69,770
1878-79	73,680
1879-80	79,720
1880-81	96,100
1881-82	1,13,575
	5)4,32,845
	86,569

Sanctioned estimate for 1882-83..	1,08,533
Regular estimate do. ...	1,06,114

6. **BUDGET ESTIMATE, 1883-84—Charges.**—The charges for the ensuing year are estimated in round figures at Rs. 93,500, being Rs. 12,614 less than the regular estimate for the current year. The Conservator's estimate includes a provision of Rs. 1,200 for the purchase of a press for packing bales, and of Rs. 1,000 for water-supply to the Superintendent's bungalow. Of these provisions the second will be struck out and the first can only be allowed to stand subject to the submission of an estimate and subsequent sanction.

7. The remarks made in paragraph 4 apply also to the provisions of Rs. 1,000 for water-supply at Naduvatom and Rs. 1,000 for huts at Dodabetta. The former provision has been struck out and an estimate for the latter must be forwarded for sanction, though to obviate delay expenditure may be incurred before the estimate is sanctioned.

8. With reference to the Conservator's remark in paragraph 8 of his covering letter, it is observed that a final allotment of Rs. 8,374 was made in the estimate for 1882-83 for completing the Naduvatom buildings.

9. The Government are constrained to remark that the estimates, as submitted, are unsatisfactory and supply but little data or information in themselves for review. The amount of the estimate for 1883-84 depends chiefly on the varieties and the quality of the bark to be harvested, but nothing is said on this subject. The remarks of the Deputy Conservator in paragraphs 5, 6 (b) and 7 (a) and of the Conservator in paragraph 8 of their respective letters are not understood, and the figures given therein apparently do not correspond with those in the statements.

10. Nothing is said concerning, and no provision is made for, Items II and III in paragraph 9 of G.O., dated 21st December 1881, No. 1955, though the question referred to in paragraph 5 of G.O., No. 1280, dated 29th August 1881, has been decided.

G.O., dated 15th August 1882, No. 852.

11. The engagement of Professor Lawson having been finally settled by G.O., dated 14th October 1882, No. 1116, the sum of Rs. 8,000 will be added to the total estimate of charges. The charges will then amount to Rs. 93,500 (less Rs. 1,000 disallowed) + 8,000 or Rs. 1,00,500, the estimated receipts being Rs. 4,10,000.

Upkeep	Rs. + 3,955	7. The total regular estimate
Collection of crop	— 17,000	under "Working expenses" compared
Buildings	— 7,974	with the sanctioned grant shows a net
Other items	+ 1,100	decrease of Rs. 19,619 as per margin.

8. The increase under "Upkeep" is provided for repairing the plantation roads, &c., damaged during the severe storms of the late south-west monsoon, as well as for replanting certain uprooted plots. The decrease under "Collection of crop" and "Buildings" is not explained, but under the latter it is apparently due to provision for Naduvatum buildings having been withdrawn agreeably to G.O., dated 13th February 1882, No. 397 W.

9. The total budget estimate compared with the regular estimate shows a net decrease of Rs. 12,255, appearing principally under "Buildings," against which a provision of Rs. 4,000 only is made for the year 1883-84 to meet the construction of coolie lines and for the Naduvatum water-supply project and some petty repairs.

10. Under "Establishments," &c., the regular and budget estimates are nearly identical, but compared with the sanctioned grant they show a small saving which is due to Mr. Rowson's resignation and the consequent revision made by the Conservator in the rates of pay of upper subordinates, *i.e.*, the cessation of personal allowances.

Working expenses	Rs. 78,300	11. The estimate of the officer in
Establishments, &c.	15,200	charge under "Expenditure" may be
		admitted in round figures as specified in
		the margin.

ENCLOSURE.

From H. A. GASS, Esq., Deputy Conservator of Forests in charge Chinchona Plantations, to the Conservator of Forests, Madras, dated Ootacamund, 7th September 1882, No. 337-C.

I have the honor to submit the budget estimate of receipts and expenditure of the Government Chinchona Plantations, Nilgiris, for the official year 1883-84. As the instructions promised in paragraph 1 of G.O., No. 1955, of 21st December 1881, have not as yet been received, the budget has been prepared in the old form.

2. *Receipts.*—As all Government bark sent to England is worked up on Government account, and as the outturn of alkaloids from last year's crop and the value thereof have not been communicated, the regular and budget estimates can only be given very roughly. In calculation the actuals of 1881-82 have been used as a basis to work upon. Rs. 15,600 were realized by the sale of 100 bales of bark at Madras during the past year. It is proposed to sell 100 bales locally during the current year, which may be safely estimated to fetch Rs. 70,000. The same amount is therefore entered in the budget estimate for the coming year, as it is presumed that a similar quantity of bark will be disposed of locally. The total estimate of receipts is therefore Rs. 4,79,000.

3. *Charges.*—The charges for 1883-84 are put down at Rs. 93,159.

4. *Salaries.*—As Mr. Rowson has now resigned his appointment, the salary of the Assistant Superintendent will not exceed Rs. 200 per mensem, the Rs. 100 extra granted to Mr. Rowson having been a personal allowance. The pay of the Head Overseer and of the other officials will remain the same, and so no alteration in the rates is made and no remarks are needed. In accordance with the orders of the Conservator, the Head Overseer of Dodabetta becomes Assistant Superintendent (*sub. pro tem.*) and will remain at Dodabetta, having the additional charge of the Wood estate thrown on him. The Head Overseers will be at Naduvatum and Hooker, respectively. The figures in the budget for salaries of the Assistant Superintendent and the Head Overseer at Naduvatum have been made to agree with the orders of the Conservator of Forests.

5. *Nurseries.*—In the budget estimate Rs. 400 are provided against Naduvatum plantations and Rs. 500 in the regular and the budget estimates are entered against Dodabetta plantations to meet the cost of collecting chinchona seed.

6. *Upkeep*—(a) *Working Charges.*—In the regular estimate an increase of Rs. 4,000 is shown. This amount will be spent in repairing the damage caused by the late storms to roads, bridges, drains, water-channels, &c., in the Naduvatum and Pykara plantations, and also in planting the uprooted plots alluded to in G.O., dated 7th December 1881, No. 1882. An increase of Rs. 1,000 is entered in the budget estimate for the Dodabetta plantation. This amount is required for planting up renewals and for interplanting.

(b) *Manure.*—The allotment in Naduvatum is as usual and calls for no remark. With the chattram erected at Naduvatum larger quantities of manure will be available which will require extra funds for application.

In Dodabetta the amount entered in the budget estimate is Rs. 1,000 less, as there are cattle in the estate and a larger sum is not necessary.

7. *Crop*—(a) *Collection of Crop.*—A sum of Rs. 25,850 is entered in the budget estimate for 1883-84 to collect crop of 150,000 lb. of dry bark.

An excess of Rs. 1,000 occurs in the regular estimate under this head. Owing to the late severe weather the trees have suffered so much that the bark will not lift freely at Naduvatum, so that instead of a systematic collection of crop in previously-selected plots, we are obliged to divide our coolies into small parties and collect bark in various plots and under different systems of harvesting which are more expensive.

In the budget estimates a total increase of Rs. 1,200 is entered to cover the cost of purchasing some proper presses for packing the bales, the present system being a very bad one.

(b) *Carriage.*—Owing to the very heavy crop collected during the previous year, the actuals amounted to a rather heavy figure under this head. The small increase in the regular estimate is due to the fact of the Pykara bridge having collapsed and the roads having been much injured; the cost of transport from Naduvatum to Ootacamund has thereby increased.

8. *Buildings, New.*—Rupees 2,700 are entered in the regular estimate to be utilized as follows: Rs. 2,000 for the chattram, Rs. 500 for rebuilding the Writer's house, Rs. 200 for rebuilding a portion of the Overseer's house.

Both these buildings suffered a good deal in the late severe weather, and the end walls of the Writer's house collapsed altogether. It will have to be pulled down and rebuilt. The present roof can be used again, and the cost of rebuilding the walls should not cost more than Rs. 500.

A portion of the Overseer's house must be rebuilt, and this should not cost more than Rs. 200. In the budget estimate for Naduvatum Rs. 1,000 have been entered for possible works connected with a water-supply project for the Superintendent's bungalow; Rs. 1,000 have been entered for Dodabetta to cover the cost of erection of ten huts on that estate for coolies employed there, as the present accommodation is found to be too small.

9. The other items in the budget are as usual and call for no special remark except that for firewood plantation. The decrease in the regular estimate is in consequence of our not having been able to plant up as much as we had intended. The blue-gum nurseries suffered so much from the wind and rain that the plants were nearly all destroyed.

The increase in the budget estimate is provided to meet the cost of firewood to be purchased during the coming year from the Forest Department.

10. Having been only recently placed in charge of the Chinchona Plantations, I am compelled to accept the figures supplied by the subordinates under Propagation, Upkeep and Crop.

ORDER—dated 14th December 1882, No. 1409, Revenue.

Miscellaneous.

Chinchona Plantations for 1883-84.

* Notification at page 434 of the Fort St. George Gazette, dated 15th August 1882.

With the foregoing letter the Conservator of Forests submits, with his remarks, the budget estimate of the budget was received long after the prescribed date, viz., 15th September last, although, as the Deputy Conservator in charge admits, he has but little to add to the figures furnished.

Gobt. of 1882 Madras.
REVENUE.

1882

1882

Encl.

G.O., 14th December 1882, No. 1409.

DECEMBER.

Budget Estimate of Chinchona
Plantations.

for 1883-84.—Reviewing —.

14TH DECEMBER, 1882, No. 1409, REVENUE.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following letter from Major J. C. WALKER, Conservator of Forests, to the Secretary to Government, Revenue Department, dated 19th October 1882, No. 1256-C:—

I have the honor to submit the Budget Estimate of the Nilgiri Chinchona Plantations for the year 1883-84 with a brief explanatory note.

2. The total revenue of the past official year (1881-82), compared with the results of the two preceding years, shows a marked improvement, which is due to larger consignment of bark to England and the disposal thereof at better rates.

	1879-80.	1880-81.	1881-82.
Actuals.			Revenue.
			RS.
1879-80	...	...	3,83,815
1880-81	...	...	4,34,261
1881-82	...	...	5,72,003
Establishments, &c.	RS. 13,928	RS. 13,931	RS. 17,264
Working expenses	65,798	82,174	96,305
Total	69,724	96,105	1,13,569

Actuals of 1881-82.	Sanctioned Estimate for 1882-83.	Regular Estimate for 1882-83.	Budget Estimate for 1883-84.
RS. 5,72,003	RS. 5,00,000	RS. 6,11,000	RS. 4,79,000

England is estimated. The regular estimate also provides a total revenue of Rs. 70,000 from sales in Madras of 400 bales of bark, as the past experimental sales have proved successful.

6. The budget estimate for 1883-84 shows a diminution of Rs. 1,32,000 in sales in England, but has not been explained. As, however, the actuals, the sanctioned and regular estimates are high, the total budget estimate may be raised to Rs. 5,00,000.

3. The expenditure has likewise exceeded the actuals of the previous years, increased outlay having been made on "Upkeep" and "Collection of crop."

4. Revenue.—The total regular and budget estimates under Revenue, compared with the actuals of 1881-82 and the sanctioned estimate for the current year, are shown in the margin.

5. The increase in the regular estimate has not been explained, but from the details of figures furnished by the officer in charge, it is presumed that a larger revenue from bark sales in

12. The despatch from the Secretary of State, No. 31, dated 14th September 1882, arrived too late to allow of the instructions therein contained being carried out in the regular estimate for the current and the budget estimate for the coming year.

(True Extract.)

(Signed) P. P. HUTCHINS,
Acting Secretary to Government.

To the Conservator of Forests
" Accountant-General with Budget Estimate.
" Financial Department.
" Public Works Department
" Board of Revenue

Ed. J. Hemmick.

100/1000

2. REGULAR ESTIMATE, 1882-83.—*Receipts*.—The receipts of the current year are calculated at Rs. 6,11,000, being in excess of the sanctioned estimate for that year and the actuals of 1881-82 by Rs. 1,11,000 and 39,000, respectively. The increase occurs in the following items:—

	1882-83.	
	Budget Estimate	Regular Estimate
	RS.	RS.
(a) Value of bark sent home	4,88,500	5,32,000
(b) Do. supplied to the Madras and Bombay Medical Departments ...	1,000	1,500
(c) Value of bark sold locally	...	70,000
Total ...	4,92,500	6,03,500
Difference ...	...	1,11,000

The Conservator presumes that the large increase under (a) is due to the expected realization of a larger revenue from the sale of the products of bark sent home. There is reason, on the contrary, for believing that the credit under this head will be reduced owing to smaller consignments of bark being shipped to allow of local sales. The estimate will be reduced to Rs. 5,00,000. Up to date only

70,003 lb. have been shipped to England, and nothing is said as to contemplated shipments. The increase under (c) represents the amount realized by local sales of bark already held and sanctioned for the current year with the view of developing a local demand. The amount, however, should be Rs. 1,19,000, the additional sale of 280 bales having been sanctioned by G.O., dated 2nd December 1882, Mis. No. 4053. The regular

G.O., dated 15th February 1882, No. 212.

Value of bark sent home ...	RS. 5,00,000
Do. supplied to Bombay Medical Department ...	1,500
Do. sold locally ...	1,19,000
Do. plants and seed ...	7,500
Total ...	6,28,000

estimate of receipts then will be Rs. 6,28,000.

3. REGULAR ESTIMATE, 1882-83.—*Charges*.—The Deputy Conservator and the Conservator of Forests estimate the charges of the current year at Rs. 1,06,614. The correct total, however, of their figures is 1,06,114. The budget grant for the year is entered as Rs. 1,26,533. It is, however, only Rs. 1,08,533, and the Conservator's figure (Rs. 1,26,533) appears to have been arrived at by including the sum of Rs. 18,000

* G.O., dated 7th December 1881, No. 1882.

G.O., dated 21st December 1881, No. 1955.

RS.
1,08,533
1,06,114
2,419

year, should always be annexed to the regular estimate.

4. Notwithstanding the repeated instructions of Government to the contrary several new charges are entered in the regular estimate which have not been sanctioned and no estimates for which have been submitted to Government. Attention is directed to the remarks of Government in reviewing the Chinchona Budget Estimates for a series of years beginning with 1879-80. The allotments will be allowed to stand as the works connected with upkeep are apparently of an urgent nature. With reference to the provision of Rs. 2,000 for "the chattram," it should be explained what chattram is referred to.

5. BUDGET ESTIMATE, 1883-84.—*Receipts*.—The receipts for the ensuing year are estimated at Rs. 5,00,000 by the Conservator, being the same as the sanctioned but Rs. 1,11,000 less than the regular estimate for the current year, and Rs. 72,000 less than the actuals of 1881-82. The average revenue of the last five years is Rs. 4,40,724 as shown in the margin.* The Conservator's estimate includes a sum of Rs. 70,000 expected to be realized by local sales of bark, but this amount will be omitted as no sales have been ordered for the coming year. The budget estimate of receipts will therefore amount to Rs. 4,09,000, or in round numbers Rs. 4,10,000.

	Actuals.
	RS.
* 1877-78	3,57,215
1878-79	4,00,354
1879-80	4,39,787
1880-81	4,34,261
1881-82	5,72,003
	5)22,03,620
	4,40,724

Value of bark sent home	RS. 4,00,000
Do. supplied to Bombay Medical Department ...	1,500
Sale-proceeds of plants and seed ...	7,500
Total ...	4,09,000

	Actuals.
	RS.
1877-78	69,770
1878-79	73,680
1879-80	79,720
1880-81	96,100
1881-82	1,13,575
	5)4,32,845
	86,569

Sanctioned estimate for 1882-83..	1,08,533
Regular estimate do. ...	1,06,114

6. BUDGET ESTIMATE, 1883-84.—*Charges*.—The charges for the ensuing year are estimated in round figures at Rs. 93,500, being Rs. 12,614 less than the regular estimate for the current year. The Conservator's estimate includes a provision of Rs. 1,200 for the purchase of a press for packing bales, and of Rs. 1,000 for water-supply to the Superintendent's bungalow. Of these provisions the second will be struck out and the first can only be allowed to stand subject to the submission of an estimate and subsequent sanction.

7. The remarks made in paragraph 4 apply also to the provisions of Rs. 1,000 for water-supply at Naduvatom and Rs. 1,000 for huts at Dodabetta. The former provision has been struck out and an estimate for the latter must be forwarded for sanction, though to obviate delay expenditure may be incurred before the estimate is sanctioned.

8. With reference to the Conservator's remark in paragraph 8 of his covering letter, it is observed that a final allotment of Rs. 8,374 was made in the estimate for 1882-83 for completing the Naduvatom buildings.

9. The Government are constrained to remark that the estimates, as submitted, are unsatisfactory and supply but little data or information in themselves for review. The amount of the estimate for 1883-84 depends chiefly on the varieties and the quality of the bark to be harvested, but nothing is said on this subject. The remarks of the Deputy Conservator in paragraphs 5, 6 (b) and 7 (a) and of the Conservator in paragraph 8 of their respective letters are not understood, and the figures given therein apparently do not correspond with those in the statements.

10. Nothing is said concerning, and no provision is made for, Items II and III in paragraph 9 of G.O., dated 21st December 1881, No. 1955, though the question referred to in paragraph 5 of G.O., No. 1280, dated 29th August 1881, has been decided.

G.O., dated 15th August 1882, No. 852.

11. The engagement of Professor Lawson having been finally settled by G.O., dated 14th October 1882, No. 1116, the sum of Rs. 8,000 will be added to the total estimate of charges. The charges will then amount to Rs. 93,500 (less Rs. 1,000 disallowed) + 8,000 or Rs. 1,00,500, the estimated receipts being Rs. 4,10,000.

Upkeep	...	...	...	...	+	3,955
Collection of crop	...	...	...	...	—	17,000
Buildings	...	...	...	...	—	7,974
Other items	...	...	...	...	+	1,400

7. The total regular estimate under "Working expenses" compared with the sanctioned grant shows a net decrease of Rs. 19,619 as per margin.

8. The increase under "Upkeep" is provided for repairing the plantation roads, &c., damaged during the severe storms of the late south-west monsoon, as well as for replanting certain uprooted plots. The decrease under "Collection of crop" and "Buildings" is not explained, but under the latter it is apparently due to provision for Naduvatam buildings having been withdrawn agreeably to G.O., dated 13th February 1882, No. 397 W.

9. The total budget estimate compared with the regular estimate shows a net decrease of Rs. 12,255, appearing principally under "Buildings," against which a provision of Rs. 4,000 only is made for the year 1883-84 to meet the construction of cooly lines and for the Naduvattam water-supply project and some petty repairs.

10. Under "Establishments," &c., the regular and budget estimates are nearly identical, but compared with the sanctioned grant they show a small saving which is due to Mr. Rowson's resignation and the consequent revision made by the Conservator in the rates of pay of upper subordinates, *i.e.*, the cessation of personal allowances.

				RS.
Working expenses	...	...	...	78,300
Establishments, &c.	...	...	...	15,200

11. The estimate of the officer in charge under "Expenditure" may be admitted in round figures as specified in the margin.

ENCLOSURE.

From H. A. GASS, Esq., Deputy Conservator of Forests in charge Chinchona Plantations, to the
Conservator of Forests, Madras, dated Ootacamund, 7th September 1882, No. 337-C.

I have the honor to submit the budget estimate of receipts and expenditure of the Government Chinchona Plantations, Nilgiris, for the official year 1883-84. As the instructions promised in paragraph 1 of G.O., No. 1955, of 21st December 1881, have not as yet been received, the budget has been prepared in the old form.

2. *Receipts*.—As all Government bark sent to England is worked up on Government account, and as the outturn of alkaloids from last year's crop and the value thereof have not been communicated, the regular and budget estimates can only be given very roughly. In calculation the actuals of 1881-82 have been used as a basis to work upon. Rs. 15,600 were realized by the sale of 100 bales of bark at Madras during the past year. It is proposed to sell 400 bales locally during the current year, which may be safely estimated to fetch Rs. 70,000. The same amount is therefore entered in the budget estimate for the coming year, as it is presumed that a similar quantity of bark will be disposed of locally. The total estimate of receipts is therefore Rs. 4,79,000.

3. *Charges.*—The charges for 1883-84 are put down at Rs. 93,459.

4. *Salaries*.—As Mr. Rowson has now resigned his appointment, the salary of the Assistant Superintendent will not exceed Rs. 200 per mensem, the Rs. 100 extra granted to Mr. Rowson having been a personal allowance. The pay of the Head Overseer and of the other officials will remain the same, and so no alteration in the rates is made and no remarks are needed. In accordance with the orders of the Conservator, the Head Overseer of Dodabetta becomes Assistant Superintendent (sub. *pro tem.*) and will remain at Dodabetta, having the additional charge of the Wood estate thrown on him. The Head Overseers will be at Naduvatom and Hooker, respectively. The figures in the budget for salaries of the Assistant Superintendent and the Head Overseer at Naduvatom have been made to agree with the orders of the Conservator of Forests.

5. *Nurseries*.—In the budget estimate Rs. 400 are provided against Naduvattam plantations and Rs. 500 in the regular and the budget estimates are entered against Dodabetta plantations to meet the cost of collecting chinchona seed.

6. *Upkeep*—(a) *Working Charges*.—In the regular estimate an increase of Rs. 4,000 is shown. This amount will be spent in repairing the damage caused by the late storms to roads, bridges, drains, water-channels, &c., in the Naduvattam and Pykara plantations, and also in planting the uprooted plots alluded to in G.O., dated 7th December 1881, No. 1882. An increase of Rs. 1,000 is entered in the budget estimate for the Dodabetta plantation. This amount is required for planting up renewals and for interplanting.

(b) *Manure*.—The allotment in Naduvatam is as usual and calls for no remark. With the chattram erected at Naduvatam larger quantities of manure will be available which will require extra funds for application.

In Dodabetta the amount entered in the budget estimate is Rs. 1,000 less, as there are cattle in the estate and a larger sum is not necessary.

7. *Crop*—(a) *Collection of Crop*.—A sum of Rs. 25,850 is entered in the budget estimate for 1883-84 to collect crop of 150,000 lb. of dry bark.

An excess of Rs. 1,000 occurs in the regular estimate under this head. Owing to the late severe weather the trees have suffered so much that the bark will not lift freely at Naduvattam, so that instead of a systematic collection of crop in previously-selected plots, we are obliged to divide our coolies into small parties and collect bark in various plots and under different systems of harvesting which are more expensive.

In the budget estimates a total increase of Rs. 1,200 is entered to cover the cost of purchasing some proper presses for packing the bales, the present system being a very bad one.

(b) *Carriage*.—Owing to the very heavy crop collected during the previous year, the actuals amounted to a rather heavy figure under this head. The small increase in the regular estimate is due to the fact of the Pykara bridge having collapsed and the roads having been much injured; the cost of transport from Naduvatam to Ootacamund has thereby increased.

8. *Buildings, New.*—Rupees 2,700 are entered in the regular estimate to be utilized as follows: Rs. 2,000 for the Chattram, Rs. 500 for rebuilding the Writer's house, Rs. 200 for rebuilding a portion of the Overseer's house.

Both these buildings suffered a good deal in the late severe weather, and the end walls of the Writer's house collapsed altogether. It will have to be pulled down and rebuilt. The present roof can be used again, and the cost of rebuilding the walls should not cost more than Rs. 500.

A portion of the Overseer's house must be rebuilt, and this should not cost more than Rs. 200. In the budget estimate for Naduvattam Rs. 1,000 have been entered for possible works connected with a water-supply project for the Superintendent's bungalow ; Rs. 1,000 have been entered for Dodabetta to cover the cost of erection of ten huts on that estate for coolies employed there, as the present accommodation is found to be too small.

9. The other items in the budget are as usual and call for no special remark except that for firewood plantation. The decrease in the regular estimate is in consequence of our not having been able to plant up as much as we had intended. The blue-gum nurseries suffered so much from the wind and rain that the plants were nearly all destroyed.

The increase in the budget estimate is provided to meet the cost of firewood to be purchased during the coming year from the Forest Department.

10. Having been only recently placed in charge of the Chinchona Plantations, I am compelled to accept the figures supplied by the subordinates under Propagation, Upkeep and Crop.

ORDER—dated 14th December 1889, Revenue.

Miscellaneous.

* Notification at page 431 of the *Fort St. George Gazette*, dated 15th August 1882.

* Notification at page 434 of the *Fort St. George Gazette*, dated 15th August 1882.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

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