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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. / B.P. No.	1049 W.	Press. / Mis.
Dated	22.4.1881.	19 .

S.G.M.

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1049
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

22nd April 1881, No. 1,049 W.

General.
Establishment.

Read the following papers:—

No. 61. Proceedings of the Government of Madras, in the Revenue Department, dated 4th November 1880, No. 1,452.

From Colonel R. H. BEDDOME, Conservator of Forests, to the Secretary to Government, Revenue Department, Madras, dated Periyakulam, 16th October 1880.

* * * * *

91. The Deputy Conservator of the Nílgiri Division estimates an increase of Rs. 10,000 nearly, and bases his calculations upon the prospect of the Public Works Department building a Telegraph and Post Office in Ootacamund, and his intended disposal of about 10,000 cubic feet of teak to Mysore merchants at reduced rates. The recent orders of Government defining the relations of Public Works Department to the Forest Department not having facilitated the supply of Government timber to any large scale, much revenue cannot be expected in this direction. But as the Deputy Conservator has given due publicity about the quantity of available stock in his division, the Conservator is sanguine that a large quantity of the old stock will be disposed of without much difficulty. The total estimate in this division will, for the reasons stated above, be reduced to Rs. 18,000.

* * * * *

No. 61-A. Proceedings of the Government of Madras, in the Revenue Department, dated 29th March 1881, No. 544.

Despatch from the Right Honorable the Secretary of State for India, dated India Office, London, 3rd February 1881 (Revenue—Forests), No. 5.

* * * * *

5. I observe that Colonel Beddome, in paragraph 91 of his remarks on the Budget, states that the recent orders of Government defining the relations of the Public Works Department to the Forest Department have not facilitated the supply of Government timber on any large scale. I desire that I may be informed why it is that the different Departments of the State are unable to work together for their mutual advantage, and whether in this case it is to be attributed to the higher prices charged or the inferior quality of timber supplied by the Department as compared with that obtained in the open market.

No. 62. ORDER THEREON, 22nd April 1881, No. 1,049 W.

ORDERED that the several Superintending Engineers, Superintendents of Works, and Superintendent, Public Works Stores and Workshops, Madras, be required to furnish information at an early date on the following points, and to state generally their opinion as to the best means for giving effect to the expressed wishes of Her Majesty's Secretary of State:—

(1.) What supply of timber would ordinarily meet the requirements of your circle each year?
(2.) How have the requirements usually been met hitherto?
(3.) What are the causes which have led to the whole or portion of the supply being obtained from other than the Forest Department?

(True Extract.)

Captain, R.E.,
Ag. Under Secy. to Govt., P.W.D.

To Superintending Engineers.
" Superintendents of Works.
To the General Superintendent, Public Works Workshops.

Exd. A. Grubert.
Spare Copies

1049
2

GENERAL.
ESTABLISHMENT.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated April, 22nd.

Issued

Recd. *Encl.*

G. O., 22nd April 1881, No. 1,049-W.

APRIL.

Nos. 61-62.

Supply of Timber by the Forest Department.—The officers of the Public Works Department directed to furnish information on certain points relative to the —.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

4th November 1880, No. 1,452.

READ THE FOLLOWING PAPER:—

No. 58. From Colonel R. H. BEDDOME, Conservator of Forests, to the Secretary to Government, Revenue Department, Madras, dated Periyakulam, 16th October 1880, No. 833-A.

I HAVE the honor to forward the Budget Estimate of the Forest Department for the year 1881-82, together with the explanatory note which usually forms its accompaniment.

2. I regret the delay in the submission of this document which is owing to certain Divisional Officers submitting their estimates so late as the close of September.

FORWARDED to Government with reference to G.O., No. 1,223, dated 23rd September 1880, Revenue Department.

(Signed) R. H. BEDDOME, Colonel,
Conservator of Forests.

EXPLANATORY NOTE TO THE BUDGET ESTIMATE FOR 1881-82.

CHAPTER I.

RECEIPTS.—The total actuals of the Forest Department under "Revenue" for the past year (1879-80), compared with those of the previous year, show a small difference as per margin, which require no explanation; but the actuals of that year compared with its budget estimate show a decrease of Rs. 41,776, which is due partly to the absence of demand for timber in the Anaimalai Division, and partly to the short supply of engine fuel in Cuddapah, where Deputy Conservator reports that the owners and lessees of certain private forests undersell Government in fuel supplied to the Madras Railway.

			Rs.
Actuals for 1878-79	...	...	3,83,878
Do. for 1879-80	...	...	3,83,224
			654
Budget Actuals, 1879-80 ...		...	4,25,000
			3,83,224
			41,776

2. EXPENDITURE—*A*, "*Conservancy and Works.*"—Under this main head, the actuals of the past year (1879-80) amount to Rs. 1,63,367, and compared with that of the previous year, show an increase of Rs. 39,030, which is due to the construction of office buildings in Kurnool, Goomsur and Nilambúr, to sleeper-felling operations in Goomsur for the Madras Harbour Works, and to large collections of Red Sanders roots in Cuddapah and North Arcot; but compared with the budget estimate the actuals show a saving of Rs. 24,333, which is owing to (1) non-construction of Forest quarters in the Wynaad Division; (2) diminished planting operations on account of unfavorable

			Rs.
Actuals for 1878-79	...	...	1,24,337
Do. for 1879-80	...	...	1,63,367
			39,030
Budget Actuals for 1879-80		...	1,87,700
			1,63,367
			24,333

seasons; (3) non-utilization of the amount provided for the feed of elephants and bullocks on account of casualties, &c.; and (4) slow progress of survey and demarcation operations.

3. *B, Establishment and Contingencies.*—The total expenditure under this head amounts to Rs. 2,17,861, and compared with the actuals of 1878-79 and the budget estimate of 1879-80 it is less, respectively, by Rs. 1,591 and 12,139, the difference in the former being small need not be explained, and in the latter the savings are due to restrictions upon the grant of batta to the subordinate establishments, and also to the non-filling up of vacancies, as the financial position of the Department in the absence of an Act necessitated very strict economy.

			Rs.
Actuals	1878-79		2,19,452
	1879-80		2,17,861
		—	1,591
Budget Actuals, 1879-80 ...		—	2,30,000
			2,17,861
		—	12,139

CHAPTER II.

4. RECEIPTS—REGULAR ESTIMATE.—*I, Timber and other Produce removed from the Forest by Government Agency.*

	Rs.
Actuals for 1879-80	1,39,722
Sanctioned Estimate for 1880-81	1,55,000
Divisional Officers' Regular Estimate for 1880-81	1,50,484
Conservator's Regular Estimate for 1880-81	1,34,410

(a), Timber.—The total regular estimate of the Divisional Officers under this head amounts to Rs. 1,50,484, and compared with the sanctioned estimate shows a difference of Rs. 4,516 as below :—

Cuddapah	+	18,574	Goomsur ... ... — 2,500
South Arcot	+	500	Kurnool ... ... — 190
		19,074	North Arcot ... ... — 5,000
			Coimbatore ... ... — 2,000
			Nilgiri ... ... — 9,000
			Salem ... ... — 2,000
			South Canara ... — 1,500
			Nilambur ... ... — 1,400
		—	23,590
		+	19,074
		—	4,516

The increase in Cuddapah is stated to be due to brisk sales of Red Sanders' roots and stumps. The Deputy Conservator does not state whether there are large indents on hand, so, as the total revenue of Rs. 53,574 estimated by him is not warranted by the actuals of previous years or the actuals of the past five months, the increase will be struck off.

5. In North Arcot there is a decrease of Rs. 5,000. The Deputy Conservator states that he was engaged for half of the year in delivering Red Sanders paid for last year, and consequently could not probably deliver more than 10,000 rupees' worth this season; but as the regular estimate of the Deputy Conservator is only 50 per cent. of the total actuals of 1879-80, the Conservator's regular estimate under this head will be raised at Rs. 12,500.

6. The decrease in Nilgiri is due partly to the absence of demand for Teak from the Public Works Department and other merchants of Mysore, and partly to the Railway Company having purchased Teak from Burmah for the construction of Railway line between Bangalore and Mysore.

7. The decrease in other divisions being small, no explanation is necessary.

8. The total regular estimate under this head as revised by the Conservator is Rs. 1,34,410, which is a little less than the actuals for 1879-80.

	Rs.	
Actuals for 1879-80	6,552	
Sanctioned Estimate for 1880-81	12,480	
Divisional Officers' Regular Estimate for 1880-81	11,430	
Conservator's Regular Estimate for 1880-81	11,430	
South Arcot	+ 100	North Arcot ... ... — 500
		Madura ... ... — 50
		Tinnevelly ... ... — 600
		— 1,150
		100
		— 1,050

9. *I (b), Firewood and Charcoal.*—The Divisional Officers' figures under this head amount to Rs. 11,430, and the sanctioned estimate is Rs. 12,480, and the variations occur in the divisions noted below :—

The decrease in North Arcot is owing to less requirements in the Jail at Vellore, and in Tinnevelly to the stoppage of the system of burning charcoal. The Divisional Officers' regular estimates are accepted by the Conservator.

	Rs.
Actuals for 1879-80	2,240
Sanctioned Estimate for 1880-81 ...	2,060
Divisional Officers' Regular Estimate for 1880-81	2,200
Conservator's Regular Estimate for 1880-81	2,200

10. *I (c), Bamboos.*—The small alterations under this head made by Divisional Officers are accepted as they are due to increased demand or otherwise.

	Rs.
Actuals for 1879-80	39,223
Sanctioned Estimate for 1880-81 ...	33,000
Divisional Officers' Regular Estimate for 1880-81	35,220
Conservator's Regular Estimate for 1880-81	35,220

11. *I (d), Sandalwood.*—The Divisional Officers' estimate under this head is Rs. 35,220 against the sanctioned estimate of Rs. 33,000, and the differences are in the divisions noted in the margin.

12. In South Arcot the Deputy Conservator does not propose to fell as much Sandalwood as he had anticipated, as he finds the trees not sufficiently matured.

	Rs.
South Arcot	— 1,380
Mudumalai	+ 3,600

13. The increase in Nilgiris is due to a proposal to recommence felling operations, and the Divisional Officers' estimates are approved.

	Rs.
Actuals for 1879-80	6,061
Sanctioned Estimate for 1880-81 ...	13,160
Divisional Officers' Regular Estimate for 1880-81	12,470
Conservator's Regular Estimate for 1880-81	12,470

14. *I (e), Grass and other minor Produce.*—The regular estimate of the Divisional Officers is Rs. 12,470, and the sanctioned estimate is Rs. 13,160. The differences are in the divisions as shown below :—

	Rs.	
Cuddapah	+	60
Kurnool	—	450
South Arcot	+	250
Madura	+	1,500
Tinnevelly	—	3,460
Nilgiris	+	1,350
South Canara	+	60
	—	690

In Madura the increase is due to larger collections of gall-nuts, and in Nilgiris to the collection of minor produce as instructed by the Conservator with reference to G.O., 21st July 1880, No. 841.

15. The decrease in Kurnool is owing to small crops of gall-nuts, and in Tinnevelly forest products having been farmed out in the Alwarcoorchy and Srivilliputur

Forests, the revenue thereof has been credited to II *(e)*. Hence the apparent decrease. The total regular estimate of the Divisional Officers is accepted.

16. *II, Timber and other Produce removed from the Forests by Consumers or Purchasers.*

	Rs.
Actuals for 1879-80	51,645
Sanctioned Estimate for 1880-81 ...	60,000
Divisional Officers' Regular Estimate for 1880-81	60,100
Conservator's Regular Estimate for 1880-81	60,100

	Rs.		Rs.
Rékapalle, &c., Forests ...	— 4,000	Trichinopoly ...	+ 200
Cuddapah ...	+ 3,166	Madura ...	+ 1,000
Kurnool ...	+ 940	Tinnevelly ...	+ 160
North Arcot ...	— 500	Nilgiris ...	— 500
South Arcot ...	— 200	South Canara ...	— 160
	Total + 100		

17. *(a), Timber.*—The Divisional Officers' regular estimates under this head amounts to Rs. 60,100, and compared with the sanctioned estimate for that year it varies as shown in the margin.

18. The increase in Cuddapah, Kurnool, Trichinopoly, and Madura is stated to be due to the improved state of the timber trade.

19. The large decrease in Rékapalle Forests is owing to the Rampa disturbances, while that in Nilgiris is due to the reservation of indigenous trees.

20. The Deputy Conservators of North and South Arcot Divisions have decreased the receipts with reference to the actuals of the past five months of the current year.

21. The total estimate of the Divisional Officers under this head is approved, being nearly the same as the sanctioned estimate.

	Rs.
Actuals for 1879-80	67,233
Sanctioned Estimate for 1880-81 ...	87,000
Divisional Officers' Regular Estimate for 1880-81	74,552
Conservator's Regular Estimate for 1880-81	74,550

	Rs.	
Goomsur	2,000	+
Cuddapah	7,338	—
North Arcot	2,000	+
Madura	500	—
Tinnevelly	1,310	—
Salem	3,000	—
South Canara	1,000	—
	12,448	—

22. *II (b), Firewood and Charcoal.*—The Divisional Officers' regular estimates under this head amount to Rs. 74,552 against the sanctioned estimate of Rs. 87,000, and the important differences are in the divisions noted in the margin.

23. The Deputy Conservator of North Arcot attributes the increase to his having made arrangements with a contractor for felling and removing Railway fuel.

24. The large decrease in Cuddapah and Salem is attributed to less demand for Railway fuel, and that in Trichinopoly, Madura, and Tinnevelly to smaller removals of timber than anticipated.

25. In Goomsur and Suradá the anticipated seigniorage on firewood taken by the Aska factory is not realized, owing to the Collector of Ganjam having previously granted annual licenses. In South Canara the Sandalwood oil-still contractors not having commenced their work, no firewood is likely to be removed by them.

26. The Conservator approves the Divisional Officers' figures under this head with a slight decrease of Rs. 2 in Cuddapah, which amount to Rs. 74,550.

	Rs.
Actuals for 1879-80	34,153
Sanctioned Estimate for 1880-81 ...	27,300
Divisional Officers' Regular Estimate for 1880-81	31,860
Conservator's Regular Estimate for 1880-81	31,860

27. *II (c), Bamboos.*—The Divisional Officers' estimates aggregate Rs. 31,860 against the sanctioned estimate of Rs. 27,300, and the variations between them are noted below :—

	Rs.	
Goomsur	500	—
Cuddapah	500	+
Kurnool	500	+
North Arcot	4,000	+
Trichinopoly	60	+
Madura	500	+
South Canara	500	—
	4,560	

28. The large increase in North Arcot is stated to be due to private merchants having contracted to collect and remove bamboos to the value of Rs. 8,000.

29. The increase in Cuddapah, Kurnool, and Madura is due to increase demand for this article.

30. In Goomsur seigniorage on bamboos not having as yet been levied the provision made in the current year's budget is struck off.

31. The decrease in South Canara is proposed with reference to the actuals available for the current official year. The total regular estimate of the Divisional Officers, amounting to Rs. 31,860, is approved by the Conservator.

	Rs.
Actuals for 1879-80	3,124
Sanctioned Estimate for 1880-81 ...	2,280
Divisional Officers' Regular Estimate for 1880-81	3,705
Conservator's Regular Estimate for 1880-81	3,700

32. *II (d), Grazing and Fodder Grass.*—The total regular estimate of the Divisional Officers under this head amounts to Rs. 3,705 against the sanctioned estimate of 2,280, and the difference between them is as follows :—

	Rs.	
Kurnool	5	+
Coimbatore	1,420	+

33. The increase in Coimbatore is owing to the tax of 2 annas per head on cattle grazing in the Anaimalai Forests.

34. The total estimate of the Divisional Officers is approved by the Conservator with a reduction of Rs. 5 in Kurnool.

	Rs.
Actuals for 1879-80	23,429
Sanctioned Estimate for 1880-81 ...	28,000
Divisional Officers' Regular Estimate for 1880-81...	27,830
Conservator's Regular Estimate for 1880-81	30,830

35. *II (e), Other minor Produce.*—The Divisional Officers estimate Rs. 27,830 against the sanctioned estimate of Rs. 28,000, and the important variations are as shown below :—

	Rs.	
Madura	550	+
Tinnevelly	730	+
Coimbatore	2,330	+
Salem	3,000	—
South Canara	760	—

36. The increase in Madura is due to seigniorage on Vembadam and Avaram barks, which was not anticipated in the estimate.

37. In Tinnevelly the increase is due to the transfer of receipts to this head for the reasons given in paragraph 15 under I (*e*).

38. The departmental collection of minor produce having recently received the assent of Government a larger collection is to be made in the Anaimalai Reserves. Hence the increase.

39. The decrease in Salem is not satisfactorily explained. The sanctioned estimate will therefore be retained.

40. In South Canara the amount was estimated for the sale of Catechu trees, but owing to the damage to these tracts by ryots it cannot be realized.

41. The total regular estimate of Divisional Officers under this head as approved by the Conservator is Rs. 30,830.

	Rs.
Actuals for 1879-80	3,631
Sanctioned Estimate for 1880-81 ...	3,200
Divisional Officers' Regular Estimate for 1880-81	3,600
Conservator's Regular Estimate for 1880-81	3,600

42. *III, Confiscated Drift and Waif Wood.*—The total amount of the Divisional Officers' regular estimate is Rs. 3,200, and that of the sanctioned estimate is Rs. 3,600. The difference between them which is small need not be explained, and the Divisional Officers' regular estimates will be retained.

—	Actuals of 1879-80.	Sanctioned Estimate for 1880-81.	Regular Estimate for 1880-81.
	Rs.	Rs.	Rs.
V (a), Fines and Forfeitures	311	...	250
V (b), Refunds ...	2,101	150	800
V (c), Other Sources..	3,799	370	680

43. *V, Miscellaneous.*—The Divisional Officers' regular estimates compared with the sanctioned estimate being small, no remarks seem called for.

	Rs.
Actuals for 1878-79	3,83,878
Do. 1879-80	3,83,224
Sanctioned Estimate for 1880-81..	4,24,000
Regular Estimate for do. ...	4,02,000

44. The total regular estimate of receipts under all heads as revised by the Conservator amounts to Rs. 4,02,000, which is greater than the actuals of 1879-80 and that of the previous year by Rs. 19,000.

CHAPTER II.

45. EXPENDITURE—*A, "Conservancy and other Works."—I, Timber and other Produce removed from the Forests by Government Agency.*

	Rs.
Actuals for 1879-80	67,562
Sanctioned Estimate for 1880-81 ...	54,480
Divisional Officers' Regular Estimate for 1880-81	52,840
Conservator's Regular Estimate for 1880-81	50,670

(*a*), *Timber.*—Total regular estimate of the Divisional Officers amounts to Rs. 52,840 against the sanctioned estimate of Rs. 54,480, and the important variations are in the divisions noted in the margin.

46. In Goomsur and Suradá, North Arcot and South Canara, the decrease is stated to be due to reductions in receipts under I (*a*), while the increase in South Arcot is provided to realize the increased receipts estimated. The increase in Nilambúr is struck off as no increase of revenue is contemplated in the division; in fact the estimated expenditure is greater than the actuals of 1879-80, during which a larger revenue was realized.

		Rs.
Goomsúr	—	2,300
North Arcot	—	1,600
South Arcot	+	750
South Canara	—	500
Nilambúr	+	2,170

47. The regular estimate of the Divisional Officer for North Arcot, which was not proportionately reduced by the Forest Officer with reference to the reduction in the revenue under the same head, is retained, as the revenue was raised by the Conservator.

—	Sanctioned Estimate.	Regular Estimate.	Revised Estimate.
Revenue.	Rs.	Rs.	Rs.
A.—Conservancy and Works .. {	15,000	10,000	12,500
	7,600	6,000	6,000

48. The total regular estimate of the Conservator under this head amounts to Rs. 50,670.

	Rs.
Actuals for 1879-80	3,965
Sanctioned Estimate for 1880-81 ...	6,000
Divisional Officers' Regular Estimate for 1880-81	5,870
Conservator's Regular Estimate for 1880-81	5,870

49. *I (b), Firewood and Charcoal.*—The total regular estimate of Divisional Officers under this head amounts to Rs. 5,870 against the sanctioned estimate of Rs. 6,000, and the differences being small, the Divisional Officers' figures will be retained.

	Rs.
Actuals for 1879-80	2,042
Sanctioned Estimate for 1880-81 ...	1,500
Divisional Officers' Regular Estimate for 1880-81	1,520
Conservator's Regular Estimate for 1880-81	1,520

50. *I (c), Bamboos.*—Slight difference.

51. *I (d), Sandalwood.*—Under this head the variations are only in the divisions noted below:—

	Rs.
North Arcot	+ 750
Nilgiris	+ 1,800

52. In North Arcot the Forest Officer is anxious to collect a larger quantity of Sandalwood during the current year for disposal in the following year. This is not necessary, and the increase will therefore be struck off. The increase in Nilgiris, which is a new provision, is the estimated cost of preparing 600 maunds of Sandalwood at the rate of Rs. 3 per maund.

	Rs.
Actuals for 1879-80	5,474
Sanctioned Estimate for 1880-81 ...	7,800
Divisional Officers' Regular Estimate for 1880-81	10,150
Conservator's Regular Estimate for 1880-81	9,400

53. The total estimate under this head as revised by the Conservator amounts to Rs. 9,400.

54. *I (e), Grass and other minor Produce.*—The total regular estimate of Divisional Officers under this head amounts to Rs. 5,857, and compared with the sanctioned grant of the current year, the important alterations, which are in the divisions noted in the margin, have been made with reference to the increase of revenue or otherwise provided in the current year's regular estimate. The Forest Officers' figures will be retained with a slight reduction of Rs. 7 in Tinnevelly.

	Rs.
Actuals for 1879-80	3,230
Sanctioned Estimate for 1880-81 ...	6,720
Divisional Officers' Regular Estimate for 1880-81	5,857
Conservator's Regular Estimate for 1880-81	5,850

	Rs.
Madura	+ 500
Tinnevelly	— 1,794
Nilgiris	+ 650

55. *II, Timber and other Produce removed from the Forests by Consumers, &c.*—The total regular estimate of Forest Officers under this head amounts to Rs. 8,610, and compared with the sanctioned estimate for the current year, the important differences in the Divisional Officers' figures appear as shown in the margin. The saving in Coimbatore is caused by the printing of tickets and licenses in Government Press, and that in Nilgiri is not explained.

	Rs.
Actuals for 1879-80	7,882
Sanctioned Estimate for 1880-81 ...	10,460
Divisional Officers' Regular Estimate for 1880-81	8,610
Conservator's Regular Estimate for 1880-81	8,610

	Rs.
Coimbatore	— 690
Nilgiris	— 600

—	Actuals for 1879-80.	Sanctioned Estimate for 1880-81.	Regular Estimate for 1880-81.
III, Confiscated drift and waif wood.	Rs. 1,510	Rs. 1,150	Rs. 1,320
V, Rent of leased Forests ..			
VI (a), Purchase of Cattle ..	4,595	5,000	5,000
..	..	50	80

56. The variations under these heads are slight, so no remarks are necessary.

57. *VI (b), Feed and keep of Cattle.*—Under this head there is a net increase of Rs. 715, of which Rs. 700 appear in Wynaad; the Deputy Conservator does not explain why he has provided an increased expenditure under this head; it will therefore be struck off with an increase of Rs. 5 in Trichinopoly.

	Rs.
Actuals of 1879-80	5,685
Sanctioned Estimate for 1880-81 ...	7,840
Divisional Officers' Regular Estimate for 1880-81	8,555
Conservator's Regular Estimate for 1880-81	7,860

58. The regular estimate under this head as revised by the Conservator is Rs. 7,860.

—	Actuals for 1879-80.	Sanctioned Estimate for 1880-81.	Regular Estimate for 1880-81.	Conservator's Regular Estimate for 1880-81.
VI, Plant and Tools ..	Rs. 947	Rs. 1,129	Rs. 1,041	Rs. 1,030
VII (a), Roads and Bridges ..	3,769	4,600	4,600	4,600
VII (c), Other Works ..	707	670	670	670

59. The variations under these heads are little or nothing, and the Divisional Officers' estimates will be retained with a small reduction of Rs. 11 in Madura under VI (*c*), "Plants and Tools."

60. *VII (b), Buildings.*—The large increase under this head, amounting to Rs. 920, is in Coimbatore, where the Forest Officer proposes to build additional camp huts in connection with demarcation work, and for storing minor forest produce in the Anaimalai Range. The travellers' bungalow at Satyamangalam is also to be converted into a Sandalwood godown. Although no details of cost have been furnished by the Forest Officer, his estimate will be admitted, as the works provided for are important.

	Rs.
Actuals for 1879-80	10,804
Sanctioned Estimate for 1880-81 ...	11,400
Divisional Officers' Regular Estimate for 1880-81	12,280
Conservator's Regular Estimate for 1880-81	12,280

61. *VIII (a), Demarcation.*—The total regular estimate of Divisional Officers under this head amounts to Rs. 16,184 against the sanctioned grant of Rs. 13,000; the difference of Rs. 3,184 is distributed in the divisions noted in the margin.*

	Rs.	
Actuals for 1879-80	5,211	
Sanctioned Estimate for 1880-81 ...	13,000	
Divisional Officers' Regular Estimate for 1880-81	16,184	
Conservator's Regular Estimate for 1880-81	14,200	
* Madura		+ 300
Coimbatore		+ 2,984
Wynaad		— 100

62. The provision of Rs. 300 made in Madura under this head is required for meeting the expenses of selecting forest reserves. This item has already received the sanction of the Conservator in his letter, dated 12th June last, No. 337.

63. In Coimbatore, the Deputy Conservator enters a total estimate of Rs. 4,484 under this head, and states that Rs. 1,000 will be required for selection of Sandalwood reserves in the northern taluks, and for the balance no satisfactory

account is given. As, however, a good deal of demarcation work is to be completed during the year, a sum of Rs. 1,500 will be provided for the same; the total provision for the division under this head will amount to Rs. 2,500.

64. The decrease in Wynaad being small, it need not be explained.

65. The total regular estimate under this head as revised by the Conservator amounts to Rs. 14,200.

66. *VIII (b), Compensation for Land, &c.*—Under this head the increase in the regular estimate compared with the sanctioned grant, amounting to Rs. 3,000, is in Coimbatore, where the purchase of 577 acres of private forests west of the Sholakarray Reserve is contemplated, the Forest Department being in correspondence with the Collector on the subject. The Divisional Officers' estimate will therefore be retained.

	Rs.	
Actuals for 1879-80	100	
Sanctioned Estimate for 1880-81 ...	180	
Divisional Officers' Regular Estimate for 1880-81...	3,180	
Conservator's Regular Estimate for 1880-81	3,180	

67. *VIII (c), Survey and Working Plans.*—Under this head there is a saving of Rs. 170, of which 150 is in Wynaad, which is not explained by the Forest Officer. His estimate will, however, be accepted.

	Rs.
Actuals for 1879-80	1,486
Sanctioned Estimate for 1880-81 ...	1,670
Divisional Officers' Regular Estimate for 1880-81	1,500
Conservator's Regular Estimate for 1880-81	1,500

68. *VIII (d), Plantations.*—The total regular estimate of Forest Officers compared with the sanctioned grant shows an increase of Rs. 2,748, which is chiefly distributed in the divisions noted in the margin.*

	Rs.	
Actuals for 1879-80	20,664	
Sanctioned Estimate for 1880-81 ...	20,000	
Divisional Officers' Regular Estimate for 1880-81	22,748	
Conservator's Regular Estimate for 1880-81	21,940	
* Coimbatore		— 1,020
Nílgiris		+ 2,000
Nilambúr		+ 1,960

69. The savings in Coimbatore is estimated with reference to reductions of expenditure ordered by the Conservator in the Bylore Sandalwood plantation and the Anaimalai Teak plantations.

70. The increase in Nílgiris is owing to an increase in the acreage to be planted with Eucalyptus and to the proposed planting of trees for tanning bark.

71. The increase in Nilambúr is not explained, and it will therefore be reduced to Rs. 7,000, and Rs. 8 reduced in Cuddapah.

72. The total regular estimate under this head as revised by the Conservator amounts to Rs. 21,940.

73. *VIII (e), Protection from Fire.*—The total regular estimate of Forest Officers under this head amounts to Rs. 7,371, and compared with the sanctioned estimate for the current year the variations are small and do not call for remark.

	Rs.
Actuals for 1879-80	5,623
Sanctioned Estimate for 1880-81 ...	6,860
Divisional Officers' Regular Estimate for 1880-81	7,371
Conservator's Regular Estimate for 1880-81	7,370

74. *VIII (f), Other Works.*—The total estimate under this head amounts to Rs. 8,612 and compared with the sanctioned estimate the important differences appear in the divisions noted in the margin.*

	Rs.	
Actuals for 1879-80	10,300	
Sanctioned Estimate for 1880-81 ...	7,580	
Divisional Officers' Regular Estimate for 1880-81	8,612	
Conservator's Regular Estimate for 1880-81	7,100	
* South Arcot		— 450
Nilambúr		+ 1,500

75. In South Arcot the Deputy Conservator has not assigned any cause for the saving, and in Nilambúr the large increase of Rs. 1,500, which is a new provision, is not accounted for; it will therefore be struck off, and Rs. 12 deducted in Madura. The total regular estimate under this head as revised by the Conservator amounts to Rs. 7,100.

	Sanctioned Estimate. Rs.	Regular Estimate. Rs.
IX (a), Refunds ...	...	200
IX (b), Law Charges ...	210	150
IX (c), Other Charges	1,680	1,300

76. The variations under other sub-heads, noted in the margin, being small, the Divisional Officers' regular estimates will be left undisturbed with a reduction of Rs. 241 in Coimbatore.

77. The total regular estimate under all heads as proposed by Forest Officers amount to Rs. 1,79,379, which the Conservator has revised at Rs. 1,71,700. This regular estimate compared with the sanctioned grant of the current year shows a small increase of Rs. 1,700 as shown in the margin.

	Rs.
Sanctioned Estimate for 1880-81 ...	1,70,000
Conservator's Regular Estimate for 1880-81	1,71,700
Increase ...	1,700

CHAPTER II.

78. EXPENDITURE—B, ESTABLISHMENTS AND CONTINGENCIES—*I, Salaries—(a), Conservator.*—The total sanctioned estimate under this head, amounting to Rs. 34,400, comprises the pay of the Conservator of Forests and that of Mr. Baden-Powell whose deputation has been awaited with reference to G.O., dated 12th February 1880, No. 156, Revenue Department; but, as that officer has not yet come to this Presidency, the regular estimate under this head has been reduced to Rs. 24,400.

	Rs.
Actuals of 1879-80	14,400
Sanctioned Estimate for 1880-81 ...	34,400
Regular Estimate for do. ...	24,400

79. *I (b), Superior Officers.*—The total regular estimate under this head amounts to Rs. 66,860, and compared with the sanctioned grant it shows a saving* of Rs. 9,240 as shown in the margin, which is due to certain officers of the Department being on furlough.

	Rs.
Actuals of 1879-80	66,450
Sanctioned Estimate for 1880-81 ...	76,100
Regular Estimate for do. ...	66,860
* Sanctioned Estimate for 1880-81 ...	76,100
Regular Estimate for do. ...	66,860
Difference ...	9,240

I (c), Subordinate Establishments.

80. The differences† under these heads being small no explanation is necessary.

	Rs.
† Sanctioned Estimate for 1880-81...	62,490
Regular Estimate for do. ...	61,890
	600

I (d), Office Establishment.

	Rs.
‡ Sanctioned Estimate for 1880-81 ...	27,150
Regular Estimate for do. ...	27,400
Difference ...	250

81. *I (e), Deputation and Special Allowances.*—The increase under this head is attributable to certain officers having been temporarily promoted in the room of those now absent on leave.

	Rs.
Sanctioned Estimate for 1880-81 ...	1,980
Regular Estimate for do. ...	5,270
Increase ...	3,290

82. The regular estimates under other sub-heads compared with their corresponding sanctioned grants do not show any large differences or call for remarks.

	Rs.
Sanctioned Grant for 1880-81 ...	2,54,000
Regular Estimate for do. ...	2,35,200
Saving ...	18,800

83. The total regular estimate under all heads as revised by the Conservator amounts to Rs. 2,35,200, which, compared with the total sanctioned grant, shows a net saving of Rs. 18,800, as shown in the margin.

CHAPTER III.

84. RECEIPTS—*1 (a), Timber.*—The total estimate of Forest Officers under this head amounts to Rs. 1,99,512, and the subjoined statement shows the receipts of each division under Timber, the selling rates thereof together with the amount estimated for the current year:—

	Rs.
Actuals of 1879-80	1,39,722
Sanctioned Estimate for 1880-81 ...	1,55,000
Regular do. do. ...	1,34,410
Divisional Officer's Budget Estimate for 1881-82	1,99,512
Conservator's Budget Estimate for 1881-82	1,54,450

Description of Timber.	Division.	Quantity likely to be sold.	Rate.	Amount.	1880-81. Quantity.	1880-81. Amount realized.
			Rs. A. P.	Rs.		Rs.
Teak	Nilgiris .. .. C. ft.	10,000	0 12 0	7,500	24,000	21,000
	Do. .. .. „	3,300	1 8 0	15,000		
	Do. .. .. „	10,000				
	Coimbatore .. „	5,000	0 6 0	2,000	10,000, &c.	24,200
	Do. .. „	8,000	1 12 0	14,000		
	Do. .. „	1,200	1 8 0	1,800		
Teak and Yeggi	Kurnool	400	1 14 0	750	500	750
Acha	Coimbatore .. „	2,000	1 4 0	2,500		
Redwood roots	Cuddapah .. Tons.	3,000	17 4 0 per ton.	52,500	2,000 350	34,500
Do. posts	Do .. Posts	380	2 0 0			
Do. do.	North Arcot	Not given.		15,000	700	10,500
Rosewood	Coimbatore	2,000	3 0 0	6,000		
Blackwood	Do.	4,000	0 12 0	3,000		
Benteak and other Junglewood	Do.	720	0 10 0	450		
Vengay	Coimbatore	300	0 13 4	250		
Junglewood	Tinnevelly .. B. ld.	550	20 0 0	11,000	450	9,000
Do. wrought	Do.	50	15 0 0	750		
Do. unwrought ..	Do.	300	13 0 0	3,900	300	2,700
Do. do.	Do.	50	7 0 0	350		
Timber	South Arcot .. C. ft.	4,000	0 10 8 per C. foot.	2,667	5,250	8,700
Do.	Do.	2,000	0 13 0	1,625		
Do.	Do.	940	0 12 0	705		
Do.	Salem	1,800	1 2 0	2,025		
Do.	Do.	1,000	1 4 0	1,250	6,000	7,470
Do.	Do.	800	1 1 0	850		
Do.	Do.	800	2 3 0	1,750		
Do.	South Canara	1,000	0 8 0	500	3,200	2,000
Do.	Tinnevelly	1,000	1 8 0	1,500		
		2,000	1 4 0	2,500		
		1,000	1 3 0	1,187		
Add amounts for which particulars are not given :—	Goomsur	....		2,000		
	Wynaad	....		12,000		
	Nilambúr	....		30,000		
	Pálghat	....		2,200		
	Total ..	....		1,99,512		

85. From the above it will be observed that the total estimate of Divisional Officers compared with the regular estimate of the current year shows a large increase, which is chiefly distributed in the divisions noted in the margin.

	Rs.
Cuddapah	+ 17,500
North Arcot	+ 5,000
Tinnevelly	+ 8,187
Coimbatore	+ 13,000
Nilgiris	+ 10,500
Salem	+ 3,875
Nilambúr	+ 10,000

86. The large increase in Cuddapah is anticipated from the sale of a large quantity of Redwood roots and stumps which is to be collected there. In paragraph 4 of Chapter II it has been

remarked that such increase of revenue cannot be passed without proper indents or requisitions, but as the demand for this dye-wood has steadily continued for the last few years, the Divisional Officers' estimates will be reduced to Rs. 40,000, which is about Rs. 5,000 in excess of the current year's regular estimate.

87. The increase in North Arcot can be retained as the total budget estimate of the Forest Officer is less than the actuals of 1879-80.

88. The Forest Officer in Tinnevelly has as usual estimated a large revenue under this head without explaining the circumstances under which he anticipated the increase. Although adequate funds have been allowed to him in 1879-80, his revenue from departmental operations has been anything but satisfactory as shown in the margin.

	1879-80. Actuals. Rs.
Revenue	8,864
A, "Conservancy and Works" ...	8,863

	Rs.
Actuals of 1879-80	7,021
Regular Estimate for 1879-80 ...	17,000
Divisional Officers' Budget Estimate for 1880-81...	30,000

89. The Conservator will therefore reduce the estimate of the Forest Officer to Rs. 13,000, which is exactly the same as the sanctioned and regular estimate of the current official year.

90. The estimate of the Forest Officer comprises the revenues of the North Coimbatore and South Coimbatore Divisions which were amalgamated during the beginning of the current year. The Deputy Conservator proposes to dispose of a large stock of old timber belonging to the Anaimalai Sub-division at reduced rates, of which 8,000 cubic feet of Teak is estimated to be sold from Mungarah and Ponáni depôts at Rs. 1-12-0 per cubic foot. The present demand in these places is uncertain and the rates doubtful, and the sales from the Anaimalai Depôt are likewise doubtful. The total estimate will therefore be reduced to Rs. 20,000, which is a little greater than the regular estimate of the current year.

91. The Deputy Conservator of the Nílgiri Division estimates an increase of Rs. 10,000 nearly, and bases his calculations upon the prospect of the Public Works Department building a Telegraph and Post Office in Ootacamund, and his intended disposal of about 10,000 cubic feet of Teak to Mysore merchants at reduced rates. The recent orders of Government defining the relations of Public Works Department to the Forest Department not having facilitated the supply of Government timber to any large scale, much revenue cannot be expected in this direction. But as the Deputy Conservator has given due publicity about the quantity of available stock in his division, the Conservator is sanguine that a large quantity of the old stock will be disposed of without much difficulty. The total estimate in this division will, for the reasons stated above, be reduced to Rs. 18,000.

92. In Salem the increase is not accounted for by the Forest Officer, and as the actuals of 1879-80 and the regular estimate of the current year have not been high, the estimate of the Divisional Officer will be reduced to Rs. 3,000.

93. The increase in Nilambúr is likewise not explained, and the estimate will therefore be reduced to Rs. 24,000, which is nearly the same as the actuals of the past official year.

94. The total budget estimate under this head as revised by the Conservator amounts to Rs. 1,55,450, which is nearly the same as the sanctioned estimate for the current year.

95. *I (b), Firewood and Charcoal.*—The total estimate of Forest Officers under this head amounts to Rs. 10,665, and it is nearly the same as the regular estimate of the current year, and it will therefore be accepted with a small reduction of Rs. 15 in Coimbatore. The subjoined statement shows the particulars of the quantity and value of firewood and charcoal estimated to be sold or supplied in each division :—

	Rs.
Actuals of 1879-80	6,552
Sanctioned Estimate for 1880-81 ...	12,480
Regular do. do. ...	11,430
Budget Estimate for 1881-82	10,665
Conservator's Estimate for 1881-82 ...	10,650

Division.	Explanation of particulars of Sales.	Amount.
		Rs.
North Arcot ...	Particulars not given	2,500
Nilgiris	Firewood, sale of 1,000 cart-loads, at Rs. 3 per load...	3,000
Madura	Particulars not given	550
Coimbatore ...	Fuel supply to the Central Jails (Coimbatore and Vellore), Tons 100, at Rs. 6-8-0	715
Pálghat	Firewood	3,300
Tinnevelly... ...	Charcoal, sale of 100 handy-loads, at Rs. 6	600
	Total ...	10,665

	Rs.
Actuals of 1879-80	2,240
Sanctioned Estimate for 1880-81 ...	2,060
Regular do. do. ...	2,200
Divisional Budget Estimate for 1881-82.	2,050
Conservator's Estimate for do. ...	2,050

96. *I (c), Bamboos.*—The estimates of the Forest Officers under this head are accepted, as there are no variations compared with the regular estimates of the current year.

	Rs.
Actuals of 1879-80	39,223
Sanctioned Estimate for 1880-81 ...	33,000
Regular Estimate for do. ...	35,220
Divisional Budget Estimate for 1881-82	34,250
Conservator's Estimate for do. ...	34,250

97. *I (d), Sandalwood.*—The total estimate under this head amounts to Rs. 34,250, and the subjoined statement shows the quantities and selling rates of wood likely to be collected and sold in the divisions specified below :—

Divisions.	Particulars.	Forest Officers' Estimate.
		Rs.
North Arcot ...	Particulars not given	3,000
South Arcot ...	50 maunds of Sandalwood, at Rs. 5	250
Coimbatore ...	4,000 maunds of Sandal roots and stumps, at Rs. 5 per maund	20,000
Nilgiris	1,000 maunds of Sandalwood at Rs. 6	6,000
Salem	Particulars not given	5,000
	Total ...	34,250

98. From the above it will be observed that the largest estimate is in Coimbatore Division, where the Forest Officer in charge proposes to collect above 4,000 maunds of roots and stumps, being the residue of trees felled in previous years in the taluks of Kollegál, Bhaváni and Satyamangalam. The Conservator is sanguine that the quantity estimated, though large, can be collected without difficulty considering the extent of the tracts felled in formerly.

99. No particulars are given for the estimates proposed for North Arcot and Salem Divisions, and in South Arcot the estimate has been reduced to a minimum, as the Forest Officer thinks that the trees in his division are not sufficiently matured for felling.

100. The estimates of Forest Officers will be retained as there is no difficulty of disposing of the stock that may be collected by the Department.

	Rs.
Actuals of 1879-80	6,061
Sanctioned Estimate for 1880-81 ...	13,160
Regular Estimate for do. ...	12,470
Divisional Officers' Budget Estimate for 1881-82	18,400
Conservator's Budget Estimate for 1881-82	15,400

101. *I (e), Grass and other minor Produce.*—The total estimate under this head amounts to Rs. 18,400, and the subjoined abstract shows the different kinds of minor forest produce to be collected and sold departmentally in each division with their selling prices.

Description of Produce.	Divisions.	Quantity likely to be sold.	Rate.	Amount.
			RS. A. P.	RS.
Hill products ...	Cuddapah ...	*Not given...	...	300
Cardamoms ...	Wynaad ...	Do. ...	...	1,200
Dammer	Tinnevelly ...	150 Tholams ...	25 0 0	3,750
	Do. ...	15 do. ...	2 0 0	30
	Kurnool ...	670 Maunds ...	About 0 12 0	500
Gall-nuts ...	South Arcot ...	1,500 do. ...	0 10 0	938
	Nilgiris ...	50 Cart-loads ..	25 0 0	1,250
	Salem ...	..	...	250
	Tinnevelly ...	800 Maunds ...	0 8 0	400
Barks, dyes, &c. ...	South Arcot ...	415½ do. ...	0 12 0	312
Honey	Tinnevelly ...	250 Measures ...	1 0 0	250
Wax	Do. ...	10 ...	10 0 0	100
	Nilgiris ...	10 Cart-loads ..	28 0 0	280
Tamarind ...	Tinnevelly ...	4,000 ...	0 2 0	500
	Nilgiris ...	5 do. ...	14 0 0	70
Sekkay	Tinnevelly ...	40 Cottahs ...	8 0 0	320
Mango seeds ...	Madura ...	Not given...	...	7,500
	Salem ...	Do. ...	...	250
Hill products...	South Canara ...	Do. ...	...	100
	Pálghat ...	Do. ...	...	100
			Total ...	18,400

102. From the above it will be observed that in Madura no particulars are given as to the quantities and description of minor forest produce estimated to be collected and sold from those forests. The estimate of Rs. 7,500 is much greater than the actuals of the past year and the sanctioned and regular estimates of the current year as shown in the margin, and the estimate of the Forest Officer will therefore be reduced to Rs. 4,500, which is the same as the regular estimate of the current year.

	RS.
Actuals of 1879-80	1,284
Sanctioned Estimate for 1880-81 ...	3,000
Regular do. do. ...	4,500
Budget Estimate for 1881-82 ...	7,500

103. In Tinnevelly the Deputy Conservator proposes to collect and dispose of 150 tholams of Cardamoms at Rs. 25 per tholam; the estimate can be accepted. The revenues of this division under Gall-nuts, Honey, Wax, &c., are also moderate, and the Deputy Conservator's total estimate for the division is retained.

104. The estimate of other divisions are moderate, and will be accepted. The total estimate under this head as revised by the Conservator amounts to Rs. 15,400.

	RS.
Actuals for 1879-80	51,645
Sanctioned Estimate for 1880-81...	60,000
Regular do. do. ...	60,100
Divisional Officers' Budget Estimate for 1881-82	64,325
Conservator's Budget Estimate for 1881-82	59,303

105. *II (a), Timber and other Produce removed from the Forests by Consumers or Purchasers.—(a), Timber.*—The total estimate under this head amounts to Rs. 64,325, and the subjoined statement shows the different kinds of timber to be removed and the value thereof as given by the Divisional Officers concerned:—

Description of Timber.	Divisions.	Quantity likely to be sold.	Rate.	Amount.
				RS.
Different kinds of Junglewood.	Cuddapah ... C. feet.	52,000	Between Rs. 1 and 6	6,000
Vengay	Nilgiris ... Cart-loads.	150	5 0 0	750
Sál wood	Goomsur	Not given.	...	5,000
Reserved wood	Kurnool ... Cart-loads.	1,550	...	6,975
Junglewood	Nilgiris ... ,,	500	3 8 0	1,750
Do.	South Canara. C. feet.	600	...	200
Do. wrought ...	Tinnevelly ... Cart-loads.	450	2 0 0	900
Do. unwrought	Do. ... ,,	600	1 0 0	600
Unreserved wood ...	Kurnool ... ,,	1,500	...	2,250
Do.	South Arcot... C. feet.	15,360	0 0 10 per C. foot.	800
Particulars not given.	North Arcot...	...	...	1,500
	Trichinopoly	...	...	100
	Madura	...	...	6,000
	Coimbatore	...	...	2,500
	Salem	...	...	6,000
	Godávari	...	...	23,000
	Total ...	...	..	64,325

106. The receipts of Godávari from this source are estimated at Rs. 23,000, which is greater than the actuals of 1879-80 and the current year's regular estimate as shown in the margin. The Rampa disturbances in the district having greatly affected the prosperity of the ryots, the estimate may be safely reduced to Rs. 20,000, which is the same as the regular estimate of the current year.

	RS.
Actuals for 1879-80	16,051
Regular Estimate for 1880-81 ...	20,000
Budget Estimate for 1881-82 ...	23,000
Conservator's Budget Estimate for 1881-82	20,000

107. In Nílgiris Rs. 2,500 are entered under this head, being the estimated seigniorage on Vengay and other Junglewood which are to be marked for felling in the Mudumalai Forests. The estimate is far in excess of the actuals of the past year and the current year's regular estimate. The prospect of demand for Vengay, &c., in Mysore has not as yet been ensured; the estimate of the Forest Officer may be reduced to Rs. 1,500.

108. In Salem no explanation is given for the increase, and the estimate will be reduced to Rs. 5,000, which is nearly the same as the regular estimate of the current year.

109. The total estimate under this head as revised by the Conservator, with a small reduction of Rs. 25 in Kurnool, amounts to Rs. 59,300.

	RS.
Actuals of 1879-80	67,233
Budget Estimate for 1880-81 ...	87,000
Regular do. do. ...	74,550
Divisional Officers' Budget Estimate for 1881-82	73,320
Conservator's Budget Estimate for 1881-82	73,320

110. *I (b), Firewood and Charcoal.*—The total budget estimate of Forest Officers under this head amounts to Rs. 73,320, and the particulars showing the quantity and value of firewood and charcoal proposed to be sold in each division are as shown below:—

Description of Firewood and Charcoal.	Divisions.	Quantity likely to be sold.	Rate.	Amount.
			RS. A. P.	RS.
Engine firewood	Cuddapah ... Tons	5,357½	1 0 0	12,000
Firewood	Do. ... Cart-loads	5,000	0 6 0	2,100
Do.	Goomsur	Not given.	...	2,000
Do. ... ...} Charcoal ... ...}	Kurnool ... Cart-loads	1,640	...	970
		560	...	
Firewood	South Arcot. Tons	800	1 0 0	800
	" Cart-loads	350	2 0 0	700
	Nilgiris ... Cart-loads	3,466½	0 6 0	1,300
Do.	"	1,775	2 0 0	3,550
	"	800	1 10 0	1,300
Do.	South Canara. Head-loads	400	1 4 0	500
	"	16,000	0 1 0	1,000
	Tinnevelly. Bandy-loads	28,800	Not given	600
Do.	"	6,000	0 6 0	2,250
	"	2,000	0 12 0	1,500
	"	on contract		
Charcoal ... ...}	Cuddapah ... Cart-loads	500	1 8 0	750
	South Arcot... "	600	1 8 0	900
	Nilgiris ... Head-loads	134	1 8 0	200
	Tinnevelly ... Cart-loads	200	0 4 0	50
	North Arcot	1,300	1 8 0	1,950
Particulars not given	Trichinopoly	...	...	5,000
	Madura	...	...	2,300
	Coimbatore	...	...	5,500
	Salem	...	...	11,000
	Godávari	...	...	15,000
	Total ...	...	...	100
				73,320

111. In Cuddapah the revenue has decreased compared with the sanctioned and regular estimates of the current year. The quantity of engine firewood estimated to be removed on license is 5,357 tons, whilst that estimated for the current year has been 8,928 tons. This heavy fall in engine fuel is chiefly due to owners and lessees of private forests largely competing with the suppliers from Government Forests. The estimates in other divisions are almost uniform and they will therefore be retained.

	RS
Actuals for 1879-80	34,153
Sanctioned Estimate for 1880-81 ...	27,300
Regular do. do. ...	31,860
Divisional Budget Estimate for 1881-82	32,025
Conservator's Budget Estimate for 1881-82	32,020

112. *II (c), Bamboos.*—The estimate of the Forest Officers under this head do not vary largely when compared with the actuals of the past year and the current year's regular estimate. They will therefore be admitted with a small reduction of Rs. 5 in Nílgiris, and the particulars thereof are shown below :—

Divisions.	Quantity.	Rate.	Amount.
		RS. A. P.	RS.
Cuddapah ... ... Bamboos, Cart-loads.	300	1 0 0	300
Split do. do.	150	2 0 0	300
Kurnool ... ... do.	8,000	Not given.	2,500
North Arcot	1,560	0 13 4	50
South Arcot ... ... Cart-loads.			1,300

Divisions.	Quantity.	Rate.	Amount.
		RS. A. P.	RS.
Trichinopoly	Not given.		50
Madura	Do.		2,000
Tinnevelly ... ... Cart-loads.	400	0 12 0	300
Nilgiris ... ... Do.	100	1 8 0	150
Head-loads.	400	0 1 0	25
Coimbatore	Not given.		8,500
Salem	Do.		8,000
South Canara ... ... No.	4,000	15 0 0 per 1,000	600
Total ...	...	...	32,025

	RS.
Actuals for 1879-80	3,124
Sanctioned Estimate for 1880-81 ...	2,280
Regular do. do. ...	3,700
Divisional Officers' Budget for 1881-82.	3,705
Conservator's do. do. ...	3,700

	RS.
*Kurnool	700
Trichinopoly	1,500
Coimbatore	1,500

114. *II (e), Other minor Produce.*—The total estimate under this head amounts to Rs. 30,555, of which Rs. 19,000 represent the value of Tamarind rents and minor produce collected in Salem. The estimate of this division, though large, is not at great variance compared with the regular estimate of the current year, and it will therefore be retained.

	RS.
Actuals for 1879-80	23,429
Sanctioned Estimate for 1880-81 ...	28,000
Regular do. do. ...	30,830
Divisional Officers' Budget Estimate for 1881-82	30,555
Conservator's Budget Estimate for 1881-82	29,550

115. In Coimbatore there is an increase of Rs. 1,150 compared with the regular estimate of the current year; it is due to the proposal of the Forest Officer to farm out certain portions of reserves in the Anaimalai Forests.

116. In South Canara the Ranger in charge estimates a sum of Rs. 1,000 by the leasing out of certain forests for the cultivation of Cardamoms in the Uppinangadi Taluk; but the Collector thinks such proposals premature, as portions that may be leased out may turn out on inquiry to be private property. The estimate under this head is therefore struck off.

117. The estimates of Forest Officers in other divisions are moderate and will be retained. The total estimate under this head as revised by the Conservator, with a little reduction of Rs. 5 in the Nílgiri Division, amounts to Rs. 29,550.

	RS.
Actuals for 1879-80	3,631
Sanctioned Estimate for 1880-81 ...	3,200
Regular do. do. ...	3,600
Divisional Officers' Budget Estimate for 1881-82	3,960
Conservator's Budget Estimate for 1881-82	3,660

	RS.
† Goomsur and Suradá	— 300
Godávari	+ 300
Coimbatore	+ 800

118. *III, Confiscated Drift and Waif Wood.*—The total estimates of Forest Officers under this head amounts to Rs. 3,960, and when compared with the regular estimate for the current year the important variations appear in the divisions noted in the margin.†

119. The decrease in Goomsur is not satisfactorily explained and no explanation is given for the increase in Godávari and it will therefore be struck out. In Coimbatore the Deputy Conservator states that the introduction of the long promised Forest Act will secure better

protection of forests and the confiscations will therefore be great for some time to come. Hence the increase under this head.

120. The total estimate under this head as revised by the Conservator amounts to Rs. 3,660.

	Rs.
Actuals for 1879-80	311
Sanctioned Estimate for 1880-81	
Regular do. do.	250
Divisional Officers' Budget Estimate for 1881-82	100
Conservator's Budget Estimate for 1881-82	

121. *V (a), Fines and Forfeitures.*—The total estimate under this head, amounting to Rs. 100, appears in Godávari. The Conservator does not understand how such a large collection of fines can be made in this division where the establishment is very small. It will therefore be struck off.

	Rs.
Actuals for 1879-80	2,101
Sanctioned Estimate for 1880-81 ...	150
Regular do do. ...	800
Divisional Officers' Estimate for 1881-82.	150
Conservators' do. do.	150

122. *V (b), Refunds.*—The estimate under this head is retained.

	Rs.
Actuals for 1879-80	3,799
Sanctioned Estimate for 1880-81 ...	370
Regular do. do. ...	780
Divisional Officers' Budget Estimate for 1881-82	1,205
Conservator's Budget Estimate for 1881-82	1,000

123. *V (c), Other Sources.*—Under this head the estimates of Forest Officers are accepted, except in Coimbatore where Rs. 485 are entered as the probable sale proceeds of old tools and implements. The estimates seem high and it will be reduced to Rs. 280.

	Rs.
Sanctioned Estimate for 1880-81 ...	4,24,000
Conservator's Budget Estimate for 1881-82	4,20,500
Difference ...	3,500
Regular Estimate for 1880-81 ...	4,02,000
Budget Estimate for 1881-82 ...	4,20,500
Difference ...	18,500

124. The total estimate of revenue under all heads as proposed by Forest Officers amounts to Rs. 4,74,222, which has been reduced by the Conservator to Rs. 4,20,500 which is a little less than the sanctioned estimate for the current year, but greater than its regular estimate as shown in the margin.

CHAPTER III.

	Rs.
Forest Officers' Budget Estimate for 1881-82	83,581
Conservator's Regular Estimate for 1880-81	52,840
	30,741

	Rs.
Cuddapah	+ 7,130
North Arcot...	+ 3,000
Tinnevelly	+ 8,476
Coimbatore	+ 2,400
Nilgiris	+ 7,890
Salem	+ 2,605

125. EXPENDITURE.—*A*, "*Conservancy and Works*". *I (a), Timber.*—The total charges provided for by Divisional Officers under this head amount to Rs. 83,581, which, compared with the regular estimate of the current year, shows an increase of Rs. 30,741, which is mainly in the divisions noted in the margin.

126. The subjoined statement shows the different kinds of timber proposed to be felled or collected in each division with the quantity and cost thereof :—

Divisions.	Description of Timber.	Quantity.		Rate of Felling or Sawing.		Carting or Floating.		Total.	Charges of Supervision.	Total.	Grand Total.
		Logs.	Cubic Feet.	Per log or cubic foot.	Amount.	Per log or cubic foot.	Amount.				
				Rs. A. P.	Rs.	Rs. A. P.	Rs.	Rs.	Rs.	Rs.	Rs.
Cuddapah ..	Redwood, Tons	3,000	..	6 7 1½	19,338	..	..	19,813	687	20,500	
	Posts ..	380	..	1 4 0	475						
Nilgiris ..	Teak ..	..	10,000	..	..	0 12 0	7,500	7,500	600	8,100	
Nilambúr ..	Do. ..	..	30,000	0 0 4½	712	0 4 0	6,288	7,000	..	7,000	
Coimbatore ..	Do. ..	..	2,440	..	..	1 12 0	340	..			
						per candy.					
	Do. ..	..	2,000	..	..	0 4 0	500	..			
			8,000	..	..	0 4 9	2,625	3,465			
	Achawood ..	..	2,000	0 2 6	312	2 7 6	1,187	1,500	1,085	7,400	
	Rosewood ..	..	2,000	7 0 0	1,120	..	..	1,120			
				per candy, 122 C. feet.							
	Benteak ..	..	720	4 0 0	230	..	..	230			
Nilambúr ..	Teak saplings.	20,000	..	90 0 0	1,800	..	..	1,800	..	1,800	
				per 100							
Kurnool ..	Teak and Yeggi ..	..	400	1 4 0	500	..	..	500	..	500	
South Arcot ..	Timber ..	..	4,000	0 6 0	1,500						
		..	2,000	0 8 0	1,000	..	..	3,000	..	3,000	
		..	1,000	0 8 0	500						
Salem ..	Do. ..	..	1,300	0 8 0	650						
		..	1,000	0 13 0	813						
		..	800	0 11 0	550	..	..	4,075	530	4,605	
		..	500	0 12 0	875						
		..	500	0 10 0	312						
Tinnevelly ..	Do. ..	..	300	1 12 0	875						
		..	1,000	1 0 6	1,031						
		..	1,000	0 11 0	687						
	Junglewood ..	C. load	550	14 0 0	7,700	..	..	14,756	720	15,476	
	Junglewood wrought ..	,,	50	7 0 0	350						
	Junglewood unwrought ..	,,	300	10 0 0	3,000						
		,,	50	3 8 0	175						
Add amounts for which particulars are not given—											
Goomsur ..	..	..	..	..	..	..	..	..	..	1,000	
North Arcot ..	..	..	..	..	..	..	..	..	..	8,000	
South Canara ..	..	..	..	..	..	..	..	..	..	300	
Wynaad ..	..	..	..	..	..	..	..	..	..	4,500	
Pálghat ..	..	..	..	..	..	..	..	..	..	1,400	
Total ..	..	..	..	..	..	..	..	..	..	..	83,581

The rates proposed are almost the same as those sanctioned in the current year's budget, but as the revenues in the divisions specified above, except North Arcot, have been reduced by the Conservator, the charges estimated will likewise be reduced in proportion.

127. In Cuddapah the quantity of Redwood roots that ought to be collected to fetch the revenue estimated by the Conservator is only 2,300 tons, and the charges thereof at the rate of Rs. 6-7-0 per ton amounts to Rs. 15,000, which will be fixed as the estimate for this division.

128. In North Arcot the increase is retained as no reductions were made in the Forest Officer's estimated revenue.

—	Forest Officer's Estimate.	Conservator's Estimate.
	Rs.	Rs.
Tinnevelly	16,476	8,000
Coimbatore	7,400	6,600
Nilgiris	8,100	5,000
Salem	4,605	2,000

129. For Tinnevelly, Coimbatore, Nilgiris, and Salem, the estimates will be revised as shown in the margin, for the reasons stated in paragraphs 4 and 86.

130. The total estimate under this head as revised by the Conservator amounts to Rs. 63,500.

131. *I (b), Firewood and Charcoal.*—The total estimate under this head, according to Divisional Officers' figures, amounts to Rs. 4,745, of which Rs. 1,850 are estimated against the Nilgiri Division for felling and supplying departmentally about 1,000 bandyloads of firewood to the Ootacamund firewood depôt. The usual rates are charged for, and the estimate will therefore be accepted. The other item compare favorably with the revenues estimated.

132. The Divisional Officers' estimates will therefore be retained with a small reduction of Rs. 5 in Coimbatore.

133. *I (c), Bamboos.*—The total estimate under this head amounts to Rs. 1,155 and compared with the regular estimate of the current year it shows a decrease of Rs. 365 as shown in the margin. The items are small and they are estimated in proportion to the revenue that may be realized under this head, except in Salem where the receipts and charges are similar and the latter will therefore be reduced to Rs. 145.

	Rs.
Regular Estimate for 1880-81 ...	1,520
Budget Estimate for 1881-82 ...	1,155
	365

Salem.

	Rs.
Receipts	200
Charges	200

134. The total revised estimate under this head amounts to Rs. 1,100.

135. *I (d), Sandalwood.*—The Forest Officer's total estimate under this head amounts to Rs. 9,751, and the subjoined statement shows the quantities of wood likely to be collected in each division and the rates of felling and carting :—

Division.	Particulars.	Quantity.	Rate.	Amount.	Forest Officer's Estimate.
		Mds.	Rs. A. P.	Rs.	Rs.
North Arcot	Sandalwood	500	2 0 0	1,000	1,000
South Arcot	Sandalwood of different classes	50	1 0 0	50	50
Coimbatore	Digging roots in the Kollegal range	1,500	0 5 0	469	
	Do. in the Bhavani and Satyamangalam ranges	3,500	0 4 0	819	
	Carting from Madasivarum Hills, &c., to Kollegal	1,500	0 12 0	1,125	
	Carting from Madasivarum Hills, &c., to Bhavani	2,000	0 8 0	1,000	4,600
	Carting from Balapadugu, &c., to Satyamangalam	1,500	0 6 0	468	
Nilgiris	Chipping	4,000	0 1 0	250	
	Four Watchers in jungles, three Godown Watchers, &c.	..	..	469	
Salem	For collecting	1,000	3 0 0	3,000	3,000
	Do.	700	0 13 0	569	
	Do.	100	0 8 0	50	1,101
	Pay of Temporary Establishment	200	0 5 0	62	
	Total ..	..	..	420	
		..	..	..	9,751

136. As the Divisional Officers' estimate under Revenue from Sandalwood have been accepted without alteration, their estimates of charges which are calculated upon usual data will likewise be admitted with a small reduction of Re. 1 in Salem.

137. *I (e), Grass and other minor Produce.*—The charges under this head estimated by Divisional Officers amount to Rs. 7,832, and the subjoined statement

shows the different description and quantities of minor forest produce to be collected departmentally in each division with the cost thereof :—

Divisions.	Description of Articles.	Quantity: Maunds.	Measures.	Tholams.	Bandyloads.	Rate of Collection or Preparation.	Cost of Preparation or Collection.	Supervision Charges and Sundries.	Total Cost.
						Rs. A. P.	Rs.	Rs.	Rs.
Tinnevelly ..	Cardamoms.	..	..	150	..	10 0 0	1,500	1,062	2,562
South Canara ..	Do. ..	..	..	particulars not given.				..	30
Wynaad ..	Do. ..	..	..	Do.	..	Do.	..	..	1,000
Kurnool ..	Gall-nuts ..	670	..	..	..	0 6 0	250	..	250
South Arcot ..	Do. ..	7,500	..	..	..	0 1 0	469	..	469
Tinnevelly ..	Do. ..	..	..	800	..	0 4 0	200	..	200
Nilgiri	Do. ..	..	..	..	50	11 0 0	550	35	585
Salem	Do. ..	..	..	particulars not given.				..	400
Tinnevelly ..	Honey ..	..	250	..	..	0 8 0	125	..	125
Do.	Wax ..	..	..	10	..	6 0 0	60	..	60
Do.	Mango seeds ..	..	cottahs 40	..	..	4 0 0	160	..	160
Do.	Sundries ..	..	..	15	..	1 0 0	15	..	15
Nilgiri ..	Do. ..	..	..	..	10	14 0 0	175	..	175
					5	7 0 0			
South Arcot ..	Barks, dyes, &c. ..	415½	..	..	..	0 5 0	131	..	131
Add amounts for which particulars are not given—									
Cuddapah ..	..	..	..	..	..	..	..	..	100
Madura ..	..	..	..	..	..	..	..	..	1,500
Pálghat ..	..	..	..	..	..	..	..	..	70
Total ..	..	..	..	..	..	..	..	..	7,832

The charges estimated do not exceed more than 50 per cent. of the revenue entered under this head, except in Salem and Wynaad where the receipts and charges compare are shown in the margin. Moreover as no particulars have been furnished by the officers of those divisions in support of their estimates they will be reduced to Rs. 300 and Rs. 600 respectively. The total estimate under this head as revised by the Conservator, with a slight reduction of Rs. 2 in Tinnevelly, amounts to Rs. 7,330.

	Receipts.	Charges.
	Rs.	Rs.
Salem	500	400
Wynaad	1,200	1,000

138. *II, Timber and other Produce removed by Consumers or Purchasers.*—The total estimate under this head amounts to Rs. 11,237 and is greater than the regular estimate of the current official year by Rs. 2,677. The increase is mainly spread in the divisions noted in margin.

	Rs.
Budget Estimate for 1881-82	11,287
Regular Estimate for 1880-81 ...	8,610
	2,677

	Rs.
Cuddapah	+ 400
North Arcot	+ 300
Coimbatore	+ 790
Nilgiri	+ 840

139. In Cuddapah and North Arcot the increase is not explained, neither is there any corresponding increase of revenue. The increase is therefore struck off. But in the other divisions specified above the increase is reasonable, the revenue therefrom promising improvement.

140. The total estimate under this head as revised by the Conservator, with a reduction of Rs. 7 in Kurnool, amounts to Rs. 10,580.

141. *III, Confiscated Drift and Waif Wood.*—The total estimate of Divisional Officers under this head amounts to Rs. 2,290 and compared with the regular estimate of the current year it shows an increase of Rs. 970 as shown in the margin. The important variation occurs only in the Godávari Forests where a sum of Rs. 800 is provided for charges connected with the confiscation and disposal of timber, &c., removed clandestinely

	Rs.
Budget Estimate for 1881-82	2,290
Regular do. do.	1,320
	970

from the forests; but as a small amount of Rs. 200 only is provided as revenue from the sale of confiscated wood, the charges of the division relating thereto will likewise be reduced to Rs. 160. The total estimate under this head as revised by the Conservator amounts to Rs. 1,650.

142. *IV, Revenue from Forests not managed by Government.*—Blank.

143. *V, Rent of leased Forests.*—The estimates provided under this head, amounting to Rs. 5,000, occur only in the divisions noted in the margin. In Nilgiris the amount is provided for the payment of the annual rent of the Mudumalai Forests, and in Nilambúr the provision is made for the payment of Kuttikanom dues or the stump fees collected upon each tree felled in the leased portion of the Nilambúr Forests. The estimates are retained as they are the usual allotments sanctioned against those divisions.

	Rs.
Nilgiri	3,500
Nilambúr	1,500
	5,000

144. *VI (a), Purchase of Cattle.*—The total provision under this head, amounting to Rs. 60, is entered against Salem for the purchase of buffaloes to drag timber felled departmentally to the depôts.

145. *VI (b), Feed and keep of Cattle.*—The total estimate under this head amounts to Rs. 10,785, and the subjoined statement shows the number and description of Government cattle working in each division with their cost of feed and keep:—

Divisions.	Description of Cattle.	Number.	Amount of monthly feed and keep.	Cost of Establishment Charges.	Total annual Cost.
			Rs. A. P.	Rs.	Rs.
Trichinopoly	Bullocks ...	3	not given.		15
Coimbatore	Do. ...	...	2 3 0	144	170
Do.	Elephants ...	7	70 0 0 per elephant.	1,520	7,400
Wynaad	Do. ...	4	...	...	3,000
Add amounts for which particulars not given :— Goomsur and Suradá and Salem each 100					200
				Total ...	10,785

146. From the above it will be observed that in the Coimbatore Division provision is made for seven elephants which is made up of the five that are now working in the divisions and the two that have been ordered by the Conservator to be sent from Wynaad.

147. The rate provided for their feed, which is Rs. 70 per mensem per head, is high as remarked in paragraph 104 of the current year's explanatory note to the budget estimate. The usual rate allowed in the division has been Rs. 50 per head, and now that prices of food-grains, &c., are comparatively cheap, the Conservator does not understand why the rates now charged for should exceed those allowed during the late famine; the estimate under this head will therefore be reduced to Rs. 6,000.

148. The estimate in Wynaad is moderate compared with that provided in Coimbatore, as only Rs. 3,000 are estimated for the feed and keep of four elephants; but, as stated in paragraph 146, two are to be transferred to Coimbatore, the estimate is reduced to Rs. 1,500.

149. The estimates under other divisions being small, will be retained.

150. The total estimate under this head, as revised by the Conservator with a slight increase of Rs. 5 in Trichinopoly, amounts to Rs. 7,720.

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151. *VI (c), Plants and Tools, &c.*—The estimate under this head, amounting to Rs. 975, being all important, will be retained with a slight reduction of Rs. 5 in Trichinopoly.

152. *VII (a), Roads and Bridges.*—The total estimate of Forest Officers under this head amounts to Rs. 5,325, of which large items occur in the divisions noted in the margin.

	Rs.
North Arcot	1,000
Coimbatore	1,525
Nilgiris	850

153. In North Arcot the Deputy Conservator provides Rs. 1,000 for cutting about twenty miles of cart-road on the Tirupati plateau for bringing down Sanders roots that are to be collected there, and in Coimbatore provision is made for the repairs and new roads to be constructed in the Anaimalai Sub-division for carting timber as well as for the upkeep of the roads opened in the Sandalwood plantation.

154. In Nilgiris the Forest Officer proposes to spend about Rs. 700 for the repair of roads in the Mudumalai Forests up to Tippacadoo bridge in the event of the Public Works Department indenting upon the Department for timber for the construction of Post and Telegraph offices in Ootacamund, and the balance of Rs. 150 is required for the repair of roads in and to the Australian plantations.

155. The provisions made in these divisions as well in others being necessary, will be retained with a small reduction of Rs. 5 in Coimbatore.

156. *VII (b), Buildings.*—The total estimate under this head amounts to Rs. 12,930. The divisions where provision is made for construction of buildings are noted in the margin, the estimates under others being made for repairs to existing buildings and construction of temporary forest huts and rest-houses.

	Rs.
Kurnool	
North Arcot	2,000
Wynaad	500

157. In Kurnool provision is made for the erection of a bungalow for the residence and office of the Ranger living in Cumbum in lieu of the old building, which is reported to be in a dilapidated condition. As the work has not been previously sanctioned, the provision made will be struck off.

158. The provision made in North Arcot is required for erecting a compound wall around the Kurcombody depôt and for the repairs of the Forest Office in the Vellore Forest.

159. The estimate entered against Wynaad is the balance of funds required for the construction of Forest quarters in Manantoddy. In the current year's regular estimate a similar sum of Rs. 8,500 has been provided, but, if the whole amount is spent within the close of the year, only Rs. 3,500 will be necessary to complete the building. The estimate of the Forest Officer for 1881-82 will therefore be reduced to Rs. 4,000 in round numbers.

160. The total estimate under this head, as revised by the Conservator, amounts to Rs. 6,430.

161. *VII (c), Other Works.*—The estimate of Forest Officers being small will be accepted without any alteration.

	Rs.
Cuddapah	
North Arcot	750
Coimbatore	2,000
Salem	1,000
South Canara	1,500
	4,350

162. *VIII (a), Demarcation.*—The total estimate of Forest Officers under this head amounts to Rs. 10,600. The important items occur in the divisions noted in the margin.

163. In Cuddapah the provision is made for the purchase of 1,000 stones to be planted around the new reserves which were ordered to be enclosed in the division, and in North Arcot the Deputy Conservator estimates a sum of Rs. 2,000 for demarcating the reserves in the division, as well as the tract transferred from Salem.

164. In Coimbatore provision is made for demarcating the Sandalwood tracts and No. 3 Reserve in the Anaimalai Sub-range.

165. In Salem provision is made for clearing lines for surveying indigenous Sandalwood tracts on the Kollimallai Hills which are to be reserved by this Department, and in South Canara provision is made for demarcating the tracts settled in favor of Government and for meeting the cost of temporary establishments entertained in the Collector's office in connection with the settling work that is slowly going on. The Conservator is not inclined to make any reductions in the estimate, which is the same as the sanctioned and regular estimates of the current year, but would remark that the Forest Settlement in South Canara has cost a great deal of money and time without an adequate recompense.

166. The Divisional Officers' estimates are approved.

167. *VIII (b), Compensation for Land and Rights.*—The total estimate under this head, amounting to Rs. 300, is in South Arcot where the Deputy Conservator provides the amount for the purchase of putta lands which are interspersed within the Gingee, &c., reserves.

168. *VIII (c), Survey and Working Plans.*—The total estimate under this head amounts to Rs. 2,250, and the subjoined abstract shows the name of divisions where survey operations are to be commenced with the total cost thereof :—

Division.	Particulars.	Amount.
		Rs.
Cuddapah	For survey operations in the proposed reserves ...	200
Coimbatore	For surveying part of No. I and the whole of Nos. II and III Reserves in the Anaimalai Range and the Sandalwood Reserves hereafter to be selected	1,000
Salem	For surveying the indigenous Sandal tracts on the Kollimalai Hills	500
Wynaad	For survey operations in Teak forest	50
Pálghat	Particulars not given	
	Total ...	2,250

169. Survey operations being very important, the estimates of Divisional Officers are retained without alteration.

170. *VIII (d), Plantation.*—The total estimate of Forest Officers under this head amounts to Rs. 21,566, and the particulars of works provided for in the divisions concerned are entered in the subjoined statement :—

Division.	Particulars.		Divisional Officers' Budget Estimate for 1881-82	Conservator's Revised Estimate for 1881-82.	Conservator's Remarks.
			Rs.	Rs.	
Goomsur and Surradá.	Not given		40	40	Approved.
Cuddapah ..	Pay of one Head Gardener, at Rs. 10 a-month	Rs. 120			
	Pay of four Gardeners, at Rs. 6 each a month	288			
	For repairing, fencing and other charges.	42			
			450	450	Approved.
North Arcot ..	Upkeep of 660 acres, at Rs. 5 per acre, viz., Tiruvallam 250, Keelaminal 150, and Virinjipuram 260 acres	3,300			
	Planting 100 acres at Tiruvallam and upkeep of the same at Rs. 12 per acre ..	1,200			The charges estimated for upkeep of the Railway fuel plantations are fair and will be accepted. But as further planting in the district does not promise success owing to uncertain state of the weather, provision made for the same will be struck off.
	For upkeep of Ammerdy, Ammoondy Vanavedu, and Chaynur Plantation..	500			
			5,000	3,800	
South Arcot ..	For maintaining and conserving the existing plantations—				
	No. 1 Range, Chengam Plantations ..	80			
	,, 2 ,, Tirukoilár Taluk do. ..	330			
	,, 2 ,, Tindivanam (Merkanum) Plantations	340			
			750	750	Approved.

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Division.	Particulars.		Divisional Officers' Budget Estimate for 1881-82.	Conservator's Revised Estimate for 1881-82.	Conservator's Remarks.
			Rs.	Rs.	
Trichinopoly ..	For broadcast sowing, dibbling in different kinds of seeds in vacant gaps of plantations, and watering plants ..	900			The Forest Officer in charge does not state how he has estimated Rs. 900 for broadcast sowing, &c. It will, however, be reduced to Rs. 500, and the estimate provided under other items retained.
	For cutting creepers, clearing undergrowth, sinking and deepening wells, &c., ...	140			
	16 Watchers, at Rs. 5 a-month	960			
			2,000	1,600	
Madura ..	Not given		50	50	Approved.
Tinnevelly ..	Value of water-lift to water the experimental bamboo gardens to be formed in Pápanásam..		56	60	
		Rs.			
Coimbatore ..	Upkeep of old plantations	340			
	Tallamallai plantation, at Rs. 12 a-month	150			
	Experimental plantation on Anaimalai .	50			
	Sundries	10			
			1,050	1,050	Admitted.
Nilgiris ..	For clearing the brushwood, burning the old jungle stumps, forming nurseries, pitting, planting and protection for one year—				
	40,000 Eucalyptus globulus plants in about 32 acres of Muttinad Shola, at Rs. 800 for 20,000 plants	1,600			
	10,000 Acacia plants in about 8 acres of Muttinad Shola, at Rs. 800 for 20,000 plants	400			
	10,000 Eucalyptus globulus plants in about 8 acres of Arambay Shola, at Rs. 800 for 20,000 plants	400			
	For replanting about 10,000 failures on the Ooty side	300			The Forest Officer proposes to plant 48 acres of the Australian plantation on the Ooty side. The rates provided for, viz., Rs. 800 for every 20,000 healthy living plants of one year old, is high, as, from the records of the past years only Rs. 650 have been allowed. The estimate under other items are moderate. The total estimate of the division under this head as revised by the Conservator amounts to Rs. 4,000.
			2,700		
	For weeding twice in the year—				
	Kooli Shola plantation .. .. 30 acres				
	Buthry plantation.. 40 ,,				
	Chemnguli plantation .. .. 35 ,,				
	Muttinad plantation .. .. 40 ,,				
	Deva Shola plantation .. .. 15 ,,				
	Total .. 160 at Rs. 8 per acre.	1,280			
	For weeding once 5 acres of Little Rallia in the Coonoor side, at Rs. 4.	20			
	Establishment—				
	1 Maistry, at Rs. 10 a-month ..	120			
	2 Watchers, at Rs. 8 each ..	192			
	Cost of pruning 10,000 plants and cutting creepers in the Mudumalai Teak Plantation ..	38			
	Cost of pruning 15,000 plants and cutting creepers in the Benni plantation..	50			
	Cost of pruning 15,000 plants and cutting creepers in the Sigur plantation	50			
			4,456	4,000	
Salem ..	Pay of Gardener in Kanavenagaoondrum plantation, &c.		100	100	Admitted.
South Canara ..	For improvement of Parapah plantation—				
	For opening fire-paths	100			
	For pruning and weeding	170			
	Pay of a Watcher	50			
			320	300	Admitted.
Nilambúr ..	Not given		7,300	7,300	No particulars were furnished by the Forest Officer for this large estimate, but as the Teak plantations in this division are extensive and require to be conserved, the estimate of the Forest Officer will, however, be retained.
	Total ..		..	19,500	

171. The total estimate under this head as revised by the Conservator amounts to Rs. 19,500, which is nearly the same as the actuals of 1879-80 and the current year's sanctioned estimate.

172. *VIII (a), Protection from Fire.*—The total estimate under this head amounts to Rs. 13,060, and the subjoined statement shows the details of work proposed to be done in each division with the cost thereof :—

Division.	Particulars.			Amount.
		Rs.	Rs.	Rs.
Cuddapah ...	For thirty Watchmen on nine reserves, at Rs. 6 per mensem	180		
	For four Temporary Forest Guards, at Rs. 6 per mensem	24		
	For thirty-two Watchmen on eight proposed reserves, at Rs. 6 per mensem	192		
			396 × 12 = 4,752	
	For erecting stone-fencing, 13 miles round, on the Rollamadagu Reserve, at Rs. 2-10-0 per chain or 22 yards		2,691	
	For clearing 100 miles and fire-tracing on nine reserves as well as on eight proposed reserves at Rs. 12-6-0 per mile		1,237	
				8,680
Kurnool ...	For upkeep of tracts fire-traced			50
North Arcot.	For fire-tracing Mámandúr, Ambúr, and the Napier Reserve			230
South Arcot.	For protecting open forests in reserves by employing extra men, and cutting fire-paths			500
Coimbatore .	For fire-tracing around the timber in several depôts in the forests of Anaimalai		150	
	For fire-tracing around the timber in Sholakarray Reserve of North Coimbatore		200	
	Pay of four extra Watchmen in Sholakarray Reserve of North Coimbatore		100	
				450
Nilgiris ...	For clearing broad fire lines around each plantation		550	
	For clearing broad fire lines around Sigúr Sandalwood plantation		50	
	For clearing broad fire lines around Benni and Mudumalai Teak plantation		150	
	For clearing broad fire lines around Karkana depôts and tappals in Benni Forests		150	
	For clearing broad fire lines around Karkana depôts and tappals in Mudumalai Forests		150	
				1,050
Salem ...	For fire-tracing some portions of fuel reserves		...	350
Wynaad ...	For fire-tracing		...	200
Nilambúr ...	Particulars not given		..	1,000
Pálghat ...	For clearing inspection paths and fire-tracing the reserves			500
		Total ...		13,060

173. From the above it will be observed that the largest estimate appears in Cuddapah District where the cost of working establishment for the existing reserves is estimated at Rs. 4,752, and the balance is intended for fencing the Rollamadugu reserve with stone wall and fire-tracing the new reserves. As the Government have already sanctioned the formation of additional reserves in their Order, dated 21st June 1880, No. 702, Revenue Department, the estimate of the Forest Officer

will be retained ; but as charges relating to fencing are debitable to VIII *(f)*, "Other Works," the estimate relating thereto, amounting to Rs. 1,230, will be transferred to that head. The estimate under this head will be Rs. 7,450.

174. The estimates under other divisions will likewise be retained, as they are small.

175. *VIII (f), Other Works.*—The total estimate under his head amounts to Rs. 8,742 and the important items occur in the divisions noted in the margin.

	Rs.
South Arcot	4,000
Trichinopoly	1,000
Salem	1,200

176. In South Arcot the Forest Officer provides for the usual establishment charges required for the upkeep of the fuel reserves and for fencing certain reserves with stone wall, but as the estimate is high compared with the regular estimate it will be reduced to Rs. 3,530. In Trichinopoly and Salem provision made for the conservancy of the existing reserves is moderate.

177. For the reasons stated under VIII *(e)*, "Protection from Fire" against Cuddapah, Rs. 1,230 will be added to this head.

178. The total estimate under this head with a reduction of Rs. 2 in Madura amounts to Rs. 9,500.

179. The estimates under other sub-heads being small they will be retained.

180. The total estimates under all heads as revised by the Conservator amounts Rs. 1,80,000.

CHAPTER III.

181. EXPENDITURE—*(B), Establishment and Contingencies.—I, Salaries—Conservators.*—The total estimate under this head amounts to Rs. 14,400, and compared with the regular estimate of the current year it shows a saving of Rs. 10,000, which is due to absence of provision for the pay of Mr. Baden-Powell, about whose postponed deputation to this Presidency till next year no distinct orders have been received from the Government of India.

	Rs.
Regular Estimate for 1880-81 ...	24,400
Budget Estimate for 1881-82 ...	14,400
	10,000

182. *I (b), Superior Officers.*—The total estimate under this head amounts to Rs. 74,800, and it is greater than the regular estimate by Rs. 7,940 as shown in the margin. It is due to provision having been made for the pay of certain officers who are likely to return from furlough in 1881-82, as well as the increased military pay of Major Jago, whose promotion as Lieutenant-Colonel is to take place in September 1881.

	Rs.
Budget Estimate for 1881-82 ...	74,800
Regular Estimate for 1880-81 ...	66,860
	7,940

	I (c)—Subordinate Forest and Depôt Establishment.	I(d)—Office Establishment.
	Rs.	Rs.
Regular Estimate for 1880-81.	61,890	27,400
Budget Estimate for 1881-82 .	68,690	27,760

183. The variations under these heads are small, and do not call for remarks.

184. *I (e), Deputation and Special Allowances.*—There is a saving under this head of Rs. 3,350, and it is attributable to certain officers temporarily promoted to higher grades reverting to their own grades on the return of those who are now absent on furlough.

	Rs.
Regular Estimate for 1880-81 ...	5,270
Budget Estimate for 1881-82 ...	1,920
	3,350

185. The variations under other heads are very small to call for remark.

186. The total estimate under all heads as prepared by the Conservator amounts to Rs. 2,33,000, which compares favorably with the sanctioned and regular estimates of the current year as shown in the margin.

	Rs.
Sanctioned Estimate for 1880-81	... 2,54,000
Regular Estimate for 1880-81	... 2,35,200
Budget Estimate for 1881-82	... 2,33,000

PERIYAKULAM,
16th October 1880.

(Signed) R. H. BEDDOME, Colonel,
Conservator of Forests.

No. 59. ORDER THEREON, 4th November 1880, No. 1,452.

Forests, No. 1.

ACTUALS, 1879-80—(*a*), *Receipts.*—In reviewing the budget estimates of the current year, it was pointed out that the actual Forest revenue for 1878-79 was below that of any year since 1874-75, but the receipts* for 1879-80, as now reported, were even slightly lower.

		Rs.
* Actuals ...	1878-79	3,83,878
	1879-80	3,83,224

(*b*), *Expenditure.*—This falling off was foreseen when the regular estimate was framed, and the Government ordered a reduction in the working expenses so as to guard against a deficit. The amount fixed by them under A, Conservancy and Works, Rs. 1,56,500, was somewhat exceeded, the actuals being Rs. 1,63,367; but the amount, Rs. 2,28,000, provided under B, Establishment and Contingencies, was not fully utilized, and by the net saving (Rs. 10,139) thus effected, the revenue was enabled to cover the expenditure, and leave a slight profit of Rs. 1,996.

2. REGULAR ESTIMATE, 1880-81.—The regular estimate of the current year now submitted compares with that finally sanctioned by the Government of India as follows :—

	Sanctioned Estimate. Rs.	Regular Estimate. Rs.
Receipts	4,24,000	4,02,100
Expenditure... A	1,70,000	1,71,700
Expenditure... B	2,54,000	2,35,200
Total ...	4,24,000	4,06,900

There is thus a reduction in the total estimate both of receipts and expenditure, but the latter is estimated to exceed the former by Rs. 4,800. It is, however, less than the estimate by Rs. 17,100.

3. (*a*), *Receipts.*—The falling off in receipts occurs mainly under the following sub-heads :—

† Timber. ‡ Sandalwood. } Departmentally removed.

	Sanctioned Estimate. Rs.	Regular Estimate. Rs.
I *a*,†	1,55,000	1,34,410
II *b*,‡	87,000	74,550

The Conservator states that according to district estimates the amount under the former would be Rs. 1,50,484, but that for want of sufficient information he has struck out no less than Rs. 18,574 increased receipts estimated for in Cuddapah in connection with the present brisk sales of Redwood. It is known that an unusual demand for this wood has arisen, so that the actuals of past years are no guide in this matter, and, as it is improbable that the Divisional Officer would have estimated for so large an increase on *wholly* insufficient grounds, the Conservator's estimate will be raised to Rs. 1,45,000,§ which is an increase of only Rs. 5,278 over the low actuals of last year.

§ Increase 10,590.

I (*d*), Sandalwood.
II(*a*), Timber removed by purchasers.
(*e*), Other minor produce removed by purchasers.
Paragraph 7, G.O., dated 8th November 1879, No. 2,163.

In the items noted in the margin there is a slight increase showing that the expectations on which the Conservator's original estimate was enhanced by Government were well founded.

	Rs.
* 1875-76 ...	4,26,000
1876-77 ...	4,15,000
1877-78 ...	4,05,000
1878-79 ...	3,83,878
1879-80 ...	3,83,224
	5)20,13,102
	4,02,620

The total receipts will then stand at Rs. 4,12,690 against Rs. 4,02,620 the average of the last five* years, which include three in which the revenue was abnormally depressed.

4. (*b*), *Expenditure.*—The reduction in expenditure occurs altogether in B, Establishments, and is estimated at Rs. 18,800, but no provision has been made for salary and deputation allowances for Mr. B. Powell. If these have to be borne for five months, it will be necessary to add Rs. 11,500 on this account, and expenditure under the main head A, Conservancy and Works, in which a slight increase (Rs. 1,700) is estimated for, must be reduced accordingly. This can only be effected by reducing the Conservator's increased estimate under I (*d*), Sandalwood, from Rs. 9,400 to Rs. 8,000, as the increase is out of proportion to that expected in receipts from this source, and the expenditure will still be far above that which brought in a higher revenue in 1879-80. The increased† provision under VIII (*a*), Demarcation, and VIII (*d*),‡ Plantations, may also be not afforded for the former, and the latter is not essential. Under VII (*b*), "Buildings," Rs. 1,500 may be reduced, as it is improbable that the large allotment, Rs. 8,500, entered for the construction of the Forest Officer's house at Manantoddy will be fully utilized this year. The regular estimate of the year may thus be taken at—

		Rs.
Actuals, 1879-80...	Receipts ...	39,223
	Expenditure ...	5,474
Estimate, 1880-81	... ...	33,000
Regular Estimate, 1880-81.	Receipts ...	35,220
	Expenditure ...	8,000

† Rupees 1,200.
‡ „ 1,940.

	Rs.
Receipts	4,12,690
Expenditure. A	1,65,660
Expenditure. B	2,46,700
Total...	4,12,360

5. BUDGET ESTIMATE, 1881-82—*Receipts.*—The Conservator's estimate of receipts, Rs. 4,20,500, in 1881-82 is not a sanguine one, being below that of the current§ year. With the actuals‖ of the past year and low regular¶ estimate of the current year before them the Government are unable to say that it is ill founded; and it will stand unaltered. But from the Conservator's explanatory note it would appear that he has considerably reduced the estimates received from the districts, and though it is inexpedient to raise expectations, which may not be fulfilled, it is undesirable to check well-grounded efforts, and these must not be limited to obtaining the estimated amount.

§ Rupees 4,24,000
‖ „ 3,83,224

	Rs.
¶ By Conservator	4,02,100
„ Government	4,12,690

6. The necessity for an improvement in the Forest revenue must be steadily borne in mind and receive the earnest attention of the Conservator and all Forest Officers. The prices at which timber is departmentally supplied to the public must be revised and fixed as low as possible to induce purchases, and every care

taken in its preparation. Old stock must be sold off for what it will fetch, and fresh accumulations avoided.

7. The development of the revenue from minor Forest produce must also receive special attention.

* I (*e*), 15,400
II (*e*), 29,550
† 19,500
‡ 7,300
§ 5,100

Few districts at present contribute to this source of revenue anything appreciable, and of the estimated total of Rs. 44,950,* Salem,† Tinnevelly‡ and Madura§ are to furnish the large proportion of Rs. 31,900.

8. *Expenditure—A, "Conservancy and Works."*—(I.) The budget estimate of receipts, Rs. 1,55,450, for 1881-82 under I (*a*), "Timber departmentally removed," is only Rs. 450 in excess of the sanctioned estimate for the current year, but the estimated outlay is far higher, viz., Rs. 63,500 against Rs. 54,480. The excess is disallowed and the allotment will be reduced to Rs. 55,000.

		Rs.
Actuals 1879-80		1,63,367
Estimate 1880-81	Sanctioned ...	1,70,000
	Regular ...	1,71,700
Estimate 1881-82		1,80,000

(II.) Under I (*d*), "Sandalwood," also a larger expenditure is estimated to procure a smaller return, and the provision under this head will be fixed at Rs. 8,000 as in the regular estimate.

		Rs.
Actuals, 1879-80	Receipts ...	39,223
	Expenditure	5,474
Estimate, 1881-82	Receipts ...	34,250
	Expenditure ...	9,750

(III.) For similar reasons the estimate under II will be reduced from Rs. 10,580 to Rs. 9,000.

(IV.) Under VII (*b*) an additional sum of Rs. 1,500 will be provided as the allotment for the Forest Officer's house at Manantoddy is now reduced by that amount in the regular estimate.

(V.) The allotment for "Demarcation" may not improbably be insufficient as the selection and demarcation of reserves are being pressed on, but as the total provision for VIII, "Improvement of Forests" approximates to the regular estimate, and is far above the actuals of 1879-80, it will probably be found possible to provide additional funds, if necessary, by transfer.

Actuals, 1879-80	...	43,384
Sanctioned Regular Estimate, 1880-81	...	49,290
Estimate, 1881-82...	...	55,290
..	...	53,980

9. *B, Establishments.*—The provision under I (*c*), Subordinate Forest Establishments, Rs. 63,690, is higher than that of either the sanctioned (Rs. 62,490) or regular (Rs. 61,890) estimate. No increase under this head can at present be sanctioned, and the allotment will be the same as that of the current year.

The other items under this main head call for no remark, but it may be necessary to add Rs. 13,500 as the balance of the sum Rs. 25,000, estimated by the Government of India as the cost of Mr. Baden-Powell's deputation.

1875-76		4,30,000
1876-77		4,14,000
1877-78		3,82,000
1878-79		3,44,000
1879-80		3,81,228
	5)	19,51,228
		3,90,245

10. The total estimated charges of 1881-82 will then be Rs. 4,14,970 against Rs. 3,90,245, the average actual expenditure of the last five years.

11. The budget estimates as above modified by Government are shown below:—

1045/18

	Actuals, 1879-80.	Regular Estimate, 1880-81.	Budget Estimate, 1881-82.
	Rs.	Rs.	Rs.
Receipts	3,83,224	4,12,690	4,20,500
Charges { A	1,63,367	1,65,660	1,69,670
Charges { B	2,17,861	2,46,700	2,45,300
	3,81,228	4,12,360	4,14,970

(True Extract.)

Secretary to Government.

To the Accountant-General, with three enclosures.
,, the Conservator of Forests.
,, the Board of Revenue.
,, the Financial Department.

Exd. W. H. French.

75 Copies.

Govt. of {1880} Madras.

REVENUE.

To

THE ACCOUNTANT-GENERAL,

&c., &c., &c.

Dated November 4th.

Printed 23rd.

Read.

Rec.

G.O., 4th November 1880, No. 1,403.

NOVEMBER.

Nos. 58-59.

Budget Estimate of the Forest Department for 1881-82.—Reviewing the — submitted by the Conservator.

1049/97.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

29th March 1881, No. 544.

READ THE FOLLOWING PAPER:—

No. 425. Despatch from the Right Honorable the Secretary of State for India, dated India Office, London, 3rd February 1881 (Revenue—Forests), No. 5.

SIR,—I have considered in Council the orders of your Government reviewing the Budget Estimate of the Forest Department for the official year 1881-82, received with your Secretary's letter No. 51, of the 16th December last.

2. The Budget Estimate has apparently been drawn up irrespective of any consideration of the probability of a Forest Act becoming law before the expiration of the year to which it relates. Should, however, an Act be shortly passed, as it is to be hoped may be the case, the estimate for expenditure on the demarcation of reserves will possibly require reconsideration before the end of the year. This, however, has doubtless already engaged your attention, with the view of providing means for the increased expenditure that will be entailed thereby.

3. Owing to the proposed deputation of Mr. Baden Powell to your Presidency having now been abandoned, the expenditure for the current year will have been less by Rs. 11,500 than had been estimated for, and the net receipts increased by a like amount.

4. In carrying out the orders contained in paragraph 6 of the Resolution of your Government, relative to the improvement of Forest Revenue, precautions will, of course, be taken that the old stock of timber sold off may fetch its full market price, and that the prices for timber supplied departmentally to the public shall not be fixed below its value.

5. I observe that Colonel Beddome, in paragraph 91 of his remarks on the Budget, states that the recent orders of Government defining the relations of the Public Works Department to the Forest Department have not facilitated the supply of Government timber on any large scale. I desire that I may be informed why it is that the different Departments of the State are unable to work together for their mutual advantage, and whether in this case it is to be attributed to the higher prices charged or the inferior quality of timber supplied by the Department as compared with that obtained in the open market.

I have, &c.,

(Signed) HARTINGTON.

His Excellency the Right Honorable
The Governor in Council, Fort St. George.

No. 426. ORDER THEREON, 29th March 1881, No. 544.

Forests, No. 9.

COMMUNICATED to the Conservator of Forests and the Public Works Department.

2. Paragraph 5 of the Despatch will be considered in the Public Works Department with reference to G.O., 11th August 1879, No. 2,097-W.

(True Extract.)

Secretary to Government.

To the Board of Revenue.
„ the Conservator of Forests.
„ the Public Works Department, with copy of G.O., No. 1,452, dated 4th November 1880.

Exd. W. H. French.

90 Copies.

1049
20

G.O. No. 1721. 6-7-76.
" " 155. 13-2-77.
" " 154 W. 21-7-77.
G.E. " 1631. 7-5-79.
G.O. " 2097 W. 11-8-79

P. W. C. No. 2322

Govt. of (1881) Madras.

REVENUE.

To

THE BOARD OF REVENUE,

&c., &c., &c.

E—1

Dated March 29th. 20 S.C.

Printed April 5th.

Recd. April 12

Encl.

G.O., 29th March 1881, No. 544.

MARCH.
Nos. 425-426.

SUBJECT.

Budget Estimate of the Forest Department of the Madras Presidency for 1881-82.—Communicating to the Conservator and the Public Works Department Despatch from the Secretary of State reviewing the — and requesting that paragraph 5 of the Despatch be considered in the Public Works Department.

O. 14.4. R 22/4

W

The Hon. W Hudleston

10849
1084S

For orders

G O of 29 March 81 No 544 Revenue communicates despatch of the S of S to this Dept. para 5 of which is to be here disposed of

If the Govt. desire a full explanation as to the causes which have necessitated our preferring to get our teak supplies in most cases otherwise ~~than~~ through or from the Forest department can be called for from all Superintending Engineers, but perhaps it may suffice to communicate to H.M. S of S G.O. 11th Augt. 1879 No 2097 W

The G.O.s cited have refd. solely to Rlys. but I think the general question of Timber supply to P.W.D. from Forest D. needs to be dealt with & would so reply to Secy. of S.

O.14.4 Cir 16/4 O.L.S. 8 No. 3/4

-nd.

O. 25 Novr 1878 No 448 W

-nd to state that there is no disposition ... not to usurp the supplies of the Forest Department when the conditions under which the purchases have to be effected are equally favourable with with those of other dealers

In nearly all cases where our largest supplies are involved e.g. for the Workshops at Dow-lashwaram, Bezwada, Madras, and in Tanjore my impression is that the Forest Dept: are in no position to compete with the timber merchants who supply Moulmein teak; also where

uncl ...

specially large and round scantlings are needed (as was the case with many of the present beams of the Government House Ootacamund) the Forest Dept: could not so far as my information goes supply them.

My own experience has also shown me that the wastage of Malabar teak is excessive as compared with that from Burmah, and that consequently the same price per cubic foot in the log for each is quite misleading

In Mysore I generally found that the wastage of Malabar teak amounted to 40 per cent, and often reached 60!

To preserve the

-validity of our Estimates we must be in a position to secure the best available material at the lowest market rates; but if it is considered necessary to double the receipts of the Forest dept. a corresponding increment of rates would have to be allowed in all our Estimates which would be thereby affected

Ahtt
13-4-81

C A W — [illegible]
[illegible] issue [illegible]
[illegible]

R. para 91 of Colonel Beddome's Budget remarks

Also para 5 of despatch from the Rt. Hon. the S of S

1069/23

Ordered that the several Supertg. Engineers Supts. of works, and Supt. P W Stores & Workshops Madras be required to furnish information at an early date on the following points, and to state generally their opinions as to the best means for giving effect to the [illegible]

49 W — PUBLIC WORKS DEPARTMENT.

MADRAS GOVERNMENT.

UNDER date the 22d April /81

Read the following:—

[Budg]et remarks, recorded in G.O. [...] Revenue Department.

[From the Rig]ht Honourable the Secretary of [State, No.] 544, dated 29th March 1881.

Ordered that the several Superintending Engineers, Superintendents of works, and Superintendent P.W. Stores & Workshops, Madras, be required to furnish information at an early date on the following points, and to state generally their opinion as to the best means for giving effect to the expressed wishes of Her Majesty's Secretary of State.

(1) What supply of timber would ordinarily meet the requirements of your circle each year?

(2) How have the requirements usually been met hitherto?

(3) What are the causes which

validity of our
Estimates we must
be in a position to
secure the best available
material at the lowest
market rates; but if
it is considered necessary
to build the receipts
of the Forest Dept: a
corresponding increment
of rates would have to
be allowed in all our
Estimates which would
be thereby affected

R.H.H.

13-4-81

Expressed wishes
of H M S of S.

1) What supply of
timber would ordinarily
meet the requirements of
your circle each year

2) How have the
requirements usually
been met hitherto

3) What are the
causes which have
led to the whole or
portion of the supply
being obtained from
other than the Forest
Dept: ?

R.H.H.

A/

gent

1049 W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 22d April /81

Read the following :—

Para 91 of Col. Beddome's budget remarks, recorded in G.O. No. 1452, dated 4th November 1880, Revenue Department.

Para 5 of Despatch from the Right Honourable the Secretary of State for India recorded in G.O. No. 544, dated 29th March 1881.

1049/24

Ordered that the several Superintending Engineers, Superintendents of works, and Superintendent P.W. Stores & Workshops, Madras, be required to furnish information at an early date on the following points, and to state generally their opinion as to the best means for giving effect to the expressed wishes of Her Majesty's Secretary of State.

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(3) What are the causes which

have led to the whole or
portion of the supply being
obtained from other than
the Forest Department?

(Sd.) R. H. S.

Secty. Govt. P.W.D.

F. C.

C. Eo. 2734 W.-4-11-41.

S. Eo. 11-11-41

S. of Wks. 14-4-41

Genl. Supt. Ry. workshops 3/30

W.A.? Recd. 22/4

1049/25

G.O. No. 1721. 6-7-76.
" " 155. 13-2-77.
" " 154 W. 21-7-77.
G.E. " 1691. 7-5-79.
G.O. " 2097 W. 11-8-79

P. W. C. No. 2322

Govt. of {1881} Madras.

REVENUE.

To

THE BOARD OF REVENUE,

&c., &c., &c.

E-1

Dated March 29th. 20.5.c

Printed April 5th.

Recd. April 12

Encl.

G.O., 29th March 1881, No. 544.

MARCH.

Nos. 425-426.

SUBJECT.

Budget Estimate of the Forest Department of the Madras Presidency for 1881-82.—Communicating to the Conservator and the Public Works Department Despatch from the Secretary of State reviewing the —and requesting that paragraph 5 of the Despatch be considered in the Public Works Department.

O. 14.4. R 22/4.

The Hon. W. Hudleston

10.4.94

1048 / 7

For orders

G.O. of 29 March No 544 Revenue Communicates despatch of the S of S to this Dept: para 5 of which is to be here disposed of.

If the Govt. desire a full explanation as to the causes which have necessitated our preferring to get our teak supplies in most cases otherwise than through or from the Forest Department can be called for from all Superintending Engineers, but perhaps it may suffice to communicate to H.M. S of S

G.O. 11th Aug. 1879 No 2097 W

The G.O.s cited have apply solely to Rotas. but I think the general question of Timber supply to P.W.D. from Forest D. needs to be dealt with to enable us to supply the Sec. of S.

O. 14.4 Cir 1614 O.L.S. 9/12 . . 5/4

...and

...O. 25 Novr 1878 No 448 W

...ed to state that there is no disposition ... not to [purchase] the supplies of the Forest Department when the conditions under which the purchases have to be effected are equally favourable with with those of other dealers

In nearly all cases where our largest supplies are involved e.g. for the Workshops at Dowleshwaram, Bezwada Madras, and in Tanjore my impression is that the Forest Dept. are in no position to compete with the timber merchants who supply Moulmein [the Burmese] Teak; also where

specially large and sound scantlings are needed (as was the case with many of the beams of the Government House Ootacamund) the Forest Dept. could not so far as my information goes supply them.

My own experience has also shown me that the wastage of Malabar teak is excessive as compared with teak from Burmah, and that consequently the same price per cubic foot in the log for each is quite misleading

In Mysore I generally found that the wastage of Malabar teak amounted to 40 per cent, and often reached 60!

To preserve the

validity of our Estimates we must be in a position to secure the best available material at the lowest market rates; but if it is considered necessary to double the receipts of the Forest dept. a corresponding increment of rates would have to be allowed in all our Estimates which would be thereby affected

R.H.

13. 4. 81

C.A.W. – Please issue a communication

G.O. para 91 of Colonel Beddome's Budget remarks

also para 5 of desp. from the Rt. Hon. the S. of S.

1049/23

Ordered that the several Supdt. Engineers Supdt. of works, and Supdt. P.W. Stores & Workshops Madras be required to furnish information at an early date on the following points, and to state generally their opinion as to the best means for giving effect to ...

gent

1049 W PUBLIC WORKS DEPARTMENT.

MADRAS GOVERNMENT.

UNDER date the 22d April /81

Read the following :—

...get remarks, recorded in G.O. ... Revenue Department.

...ght Honourable the Secretary of ... No. 544, dated 29th March 1881.

Ordered that the several Superintending Engineers, Superintendents of works, and Superintendent. P.W. Stores & workshops, Madras, be required to furnish information at an early date on the following points, and to state generally their opinion as to the best means for giving effect to the expressed wishes of Her Majesty's Secretary of State.

(1) What supply of timber would ordinarily meet the requirements of your circle each year?

(2) How have the requirements usually been met hitherto?

(3) What are the causes which

validity of our Estimates we must be in a position to secure the best available material at the lowest market rates; but if it is considered necessary to swell the receipts of the Forest Dept. a corresponding increment of rates would have to be allowed in all our Estimates which would be thereby affected

R.H.H.

13. 4. 81

expressed wishes of H M S of S.

1) What supply of timber would ordinarily meet the requirements of your circle each year

2) How have the requirements usually been met hitherto?

3) What are the causes which have led to the whole or portion of the supply being obtained from other than the Forest Dept.?

R.H.H.

12/4/81

[illegible]

A/

sent

1049 W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 22d April /81

Read the following :—

Para 91 of Col. Beddome's budget remarks, recorded in G.O. No. 1452, dated 4th November 1880, Revenue Department.

Para 5 of Despatch from the Right Honourable the Secretary of State for India, recorded in G.O. No. 544, dated 29th March 1881.

1069/24

Ordered that the several Superintending Engineers, Superintendents of works, and Superintendent P.W. Stores & Workshops, Madras, be required to furnish information at an early date on the following points, and to state generally their opinion as to the best means for giving effect to the expressed wishes of Her Majesty's Secretary of State.

(1) What supply of timber would ordinarily meet the requirements of your circle each year?

(2) How have the requirements usually been met hitherto?

(3) What are the causes which

have led to the whole or
portion of the supply being
obtained from other than
the Forest Department?

(Initd) R. H. S.

Secy to Govt. P. W. D.

F. C.

P. W. No. 2734 W. 4-11-84.

1049
25

W.W. Recd 27/4

S. E's 21-4-84
S's of Wks 14-7-4-84
Genl. Supt. Pr. workshops 3
30

2322.

Govt. of 1881 Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O. 22 April 1881, No. 1049

Nos. 61-62

Supply of timber by the
forest Dept. The Officer
of the P. W. Dept directed
to furnish information on
certain points relative to
the —