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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.
B.P. No.

842

Press
Mis.

Dated

27. 2. 1877 197.

Not to be folded or roughly handled

No. 825. Read the following letter from Colonel W. H. HESSEY, Superintendent of Revenue Survey, to the Hon. D. F. CARMICHAEL, Secretary to Government, Revenue Department, dated Chepauk, 31st October 1876, No. 3,331-131 :—

As directed in G.O., 2nd October 1876, I have the honor to submit a revised scale for the re-organisation of the Madras Revenue Survey with alterations which will bring the total of the estimate within the sum of Rupees 7,28,000 estimated by the Madras Government to have been approximately the annual cost of the Department hitherto (see paragraph 9 of letter to the Secretary to the Government of India, No. 941, of 14th July 1876).

2. The cost of the department according to the estimate which accompanied the above letter would have been Rupees 7,79,000, involving an increased expenditure of about Rupees 51,000 (see paragraph 10).

3. In the estimate, however, as stated in paragraph 7, no allowance was made for the increased rate of pay to Civil Deputy Superintendents for the additional allowance to Military Assistants on account of the excess of Military allowances drawn under the operation of the Financial Memorandum of 15th October 1872, or for the travelling allowance of the Superintendent and of the Deputy and Assistant Superintendents according to Bengal rates mentioned in paragraph 7. The estimate provided for five combined survey and demarcation parties and half a survey party against five-and-a-half survey parties and two-and-a-half demarcation parties (the present sanctioned establishments).

4. In the present scale for a combined survey party all these charges have been included. The present estimate allows for five combined survey and demarcation parties at Rupees 1,01,980 (one lakh one thousand nine hundred and eighty) per party. The estimate for the Central Office has not been altered. The pressure on the Central Office is so great that the sum set apart for it will barely suffice to meet its requirements.

5. In paragraph 40 of the letter to the Government of India, it was stated that the Revenue Survey proper would take three-and-a-quarter years to complete. The reduction of the half survey party will not materially affect that estimate as it was proposed in paragraph 41 that the half survey party in Ganjam should be constituted a topographical party at the close of the year.

6. The increased rate of pay to Civil Deputy Superintendents, 1st Class, raises the average pay of Deputy Superintendent from 940 Rupees to 980 Rupees. In consequence of charges on account of excess of Military allowance having been included and a Military 2nd Assistant included in the grade, the average pay of 1st Assistant is Rupees 919-8-8 against Rupees 900 and that of 2nd Assistant Rupees 533-2-11 against Rupees 425.

7. I enclose a list of officers as they at present stand with the rates of pay to which they will be entitled under the present estimate.

	RS.	A.	P.
Officers	1,67,563	8	0
Five combined parties ...	5,09,900	0	0
Central Office, &c. ...	50,130	0	0
Total ...	7,27,593	8	0

8. The establishment will consist of sixteen officers—

- One Superintendent.
- Five Deputy Superintendents.
- Five 1st Assistant Superintendents.
- Five 2nd Assistant Superintendents.

Of the nineteen officers now on the books of the Revenue Survey, three are absent on sick leave and one is attached to the Coorg Survey. It is not probable that the officers of the Revenue Survey will be present in India at the same time.

LIST OF OFFICERS as they stand on the 27th October 1876, with the rates of Pay to which they will be entitled to under the present Estimate.

Names.	Rank.	Pay at present drawn.			Pay under the present Estimate.			Remarks.
		Civil.	Military.	Total.	Pay.	Excess of Military Allowance.	Total.	
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Colonel W. H. Hessey	Superintendent.	1,500 0 0		1,500 0 0	1,800 0 0		1,800 0 0	On sick leave to Europe.
Mr. F. C. Fuckle	Deputy do.	750 0 0		750 0 0	1,100 0 0		1,100 0 0	
Mr. W. Beaumont	do.	750 0 0		750 0 0	1,100 0 0		1,100 0 0	
Mr. H. O. C. Carlow	do.	750 0 0		750 0 0	750 0 0		750 0 0	
Lieut.-Colonel J. G. Cloete	do.	575 0 0	437 4 0	1,032 4 0	1,200 0 0		1,200 0 0	
Mr. H. Gompertz	do.	750 0 0		750 0 0	750 0 0		750 0 0	
Major J. O. H. Clay	Offg. do.	425 0 0	640 14 6	1,065 14 6				
Mr. C. D. Baynes	1st Asst. do.	425 0 0	640 14 6	1,065 14 6	900 0 0	165 14 6	1,065 14 6	As Acting Deputy Supt.
Mr. J. H. Wright	do.	550 0 0		550 0 0	550 0 0		550 0 0	On sick leave to Europe.
Mr. J. Tomlinson	do.	550 0 0	374 1 0	799 1 0	900 0 0		900 0 0	In charge of Coorg Survey.
Captain W. Freeth	Ag. do.		640 14 6	1,015 14 6			1,015 14 6	On furlough to Europe.
Captain R. M. Clerk	do.	375 0 0		375 0 0	550 0 0		550 0 0	
Major C. A. Lardet	do.	550 0 0		550 0 0	600 0 0		600 0 0	
Mr. T. A. Tomlinson	2nd do.	325 0 0	640 14 6	965 14 6	425 0 0	365 14 6	1,330 14 6	
Major C. C. Sargeant	do.	425 0 0		425 0 0	425 0 0		425 0 0	
Mr. J. H. Merriman	do.	425 0 0		425 0 0	425 0 0		425 0 0	
Mr. E. M. Beber	do.	425 0 0		425 0 0	425 0 0		425 0 0	
Mr. J. H. Cock	do.	425 0 0		425 0 0	425 0 0		425 0 0	
Mr. A. Malby	do.	325 0 0		325 0 0	425 0 0		425 0 0	

(Signed) W. H. HESSEY, Colonel,
Superintendent, Revenue Survey.

CHEPAUK,
31st October 1876.

REVENUE SURVEY AND DEMARCATION DEPARTMENT.
Statement of Proposed Alterations in this Department submitted for the sanction of Government.

Number.	Date.	Extract from Home Department of Government of India.	Office to which the Proposition refers.
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Statement of Proposed Alterations in this Department submitted for the sanction of Government—(Continued).

Extract from Home Department of Government of India.	Number.	Office to which the Proposition refers.	Present Scale.			Annually.	Proposed Scale.			Proposition.			Local Government's Recommendation.	Grounds of Proposition.	Home Department.	Financial Department.	Orders.	Remarks.
			Rs.	A.	P.		Monthly.	Annually.	Rs.	A.	P.	Permanent.						
		1 Head Draughtsman	75	0	0	75	0	0	75	0	0	..	..	..	..	..	..	..
		19 Draughtsmen, 1 at 56, 3 at 30, 5 at 25, 5 at 20, and 5 at 15.	440	0	0	440	0	0	53 Draughtsmen, 3 at 40, 5 at 25, 10 at 20, 16 at 15, and 20 at 10.	2,400	0	0	..	..	..	..	..	
		Additional sum	45	0	0	45	0	0	..	..	..	..	..	..	..	..	..	
		1 Dresser	24	8	0	24	8	0	2 Draughts at 10	20	0	0	..	..	..	..	..	
		3 Draughts at 10	30	0	0	30	0	0	6 Head Peons at 8	48	0	0	..	..	..	..	..	
		4 Head Peons at 8	32	0	0	32	0	0	22 Do. at 7	154	0	0	..	..	..	..	..	
		18 Peons at 7	126	0	0	126	0	0	160 Measuring Peons at 6	960	0	0	..	..	..	..	..	
		231 Measuring Peons, 1 at 7 and 230 at 6	1,357	0	0	1,357	0	0	1 Head Mutchi	10	0	0	..	..	..	..	..	
		1 Head Mutchi	9	0	0	9	0	0	7 Mutchies, 2 at 8 and 5 at 7	51	0	0	..	..	..	..	..	
		6 Mutchies, 1 at 8, 2 at 7, 1 at 6, 1 at 5, and 1 at 4	39	0	0	39	0	0	1 Artificer	8	0	0	..	..	..	..	..	
		1 Blacksmith	5	0	0	5	0	0	1 Sweeper	6	0	0	..	..	..	..	..	
		2 Sweepers at 5	10	0	0	10	0	0	..	..	..	..	..	..	..	..	..	
		Measurement allowance	768	13	4	768	13	4	Contingencies	200	0	0	..	..	..	..	..	
		Contingencies	301	10	8	301	10	8	Office allowance	121	10	8	..	..	..	..	..	
		Office allowance	182	8	0	182	8	0	Stones	400	0	0	..	..	..	..	..	
		Stones	833	5	4	833	5	4	Measurers and coolies	83	5	4	..	..	..	..	..	
		Measurers and coolies	547	8	0	547	8	0	Travelling allowance to Deputy and Assistant Superintendents	208	5	4	..	..	..	..	..	
		Total of a Survey and Demarcation Establishment	1,12,543	0	0	1,12,543	0	0	Total of a Combined Survey Party (Establishment only).	1,01,980	0	0	..	..	..	..	..	
										11,840	0	0	..	..	..	..	..	
										4,920	0	0	..	..	..	..	..	
										294	0	0	..	..	..	..	..	
										4,716	0	0	..	..	..	..	..	
										24	0	0	..	..	..	..	..	
										9,298	0	0	..	..	..	..	..	
										1,220	0	0	..	..	..	..	..	
										730	0	0	..	..	..	..	..	
										5,200	0	0	..	..	..	..	..	
										5,670	0	0	..	..	..	..	..	
										28,240	0	0	..	..	..	..	..	
										1,04,249	2	0	..	..	..	..	..	

(Signed) W. H. HESSEY, Colonel,
Superintendent, Revenue Survey.

CHEPAUK,
31st October 1876.

APTRACT.

	Total of Present Scale.	Total of Proposed Scale.	Increase.	Decrease.
Superintendent of Revenue Survey	RS. A. P. 21,924 8 0	RS. A. P. 21,600 0 0	RS. A. P. 324 8 0	..
Travelling allowance for do.	..	3,000 0 0	..	..
Central Office, inclusive of Lithographic Establishment	35,232 0 0	47,130 0 0	11,898 0 0	..
Deputy and Assistant Superintendents	1,61,669 2 0	1,45,963 8 0	15,705 10 0	..
Travelling allowance for do.	..	12,500 0 0	..	..
Five Combined Survey Parties, exclusive of Contingencies	2,72,770 0 0	4,49,100 0 0	1,76,330 0 0	..
Survey Party	50,425 0 0	..	..	50,425 0 0
Demarcation Party	19,974 0 0	..	..	19,974 0 0
Stones and Contingencies	76,110 0 0	48,300 0 0	27,810 0 0	..
Total	7,28,111 10 0	7,27,593 8 0	1,03,728 0 0	1,04,249 2 0

CHEPAUK,
31st October 1876.

(Signed) W. H. HESSEY, Colonel,
Superintendent, Revenue Survey.

No. 826.

ORDER THEREON, 27th February 1877, No. 842.

Miscellaneous.

which brings the estimated cost existing sanctions, and resolves to with a recommendation that it be :

2. His Grace in Council further resolved that the scheme submitted is approved, to request sanction for the payment of salary to the Superintendent at the revised rate from the date of Colonel Priestley's retirement, 6th July 1876.

Ordered that the following letter be despatched to the Government of India.

(Here enter No. 843 and 27th February 1877.)

(Signature)

(Signed) D. F. CARMICHAEL,

Secretary to Government.

To the Superintendent of Revenue Survey.

Accountant General

Exd. T. D. Ryan.

REVENUE DEPARTMENT,
CHITACAMUND,
14th July 1876.

No. 129.

No. 941.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

DEPARTMENT OF REVENUE,

AGRICULTURE, AND COMMERCE,

Miscellaneous.

Letter to Government of India, No. 584, 11th May 1874.

Letter to Government of India, No. 587, 11th May 1874.

Letter from Government of India, No. 365, 25th May 1875.

Letter to Government of India, No. 1,509, 15th October 1875.

Letter from Government of India, No. 830, 20th November 1875.

SIR,—With reference to the Resolution of the Government of India, 14th April 1875, and to the correspondence noted in the margin, I am directed to state as follows.

2. Under the above Resolution this Government has been requested to explain (1) how far the remarks made in the Memorandum of the Financial Department, No. 9,703, are correct; (2) what modifications this Government would suggest to remove the objections taken.

3. The Government of India, however, observed that they did not adopt the views set forth in the Memorandum. In letter No. 365 it was further stated that though the Government of India were unable to sanction the expenditure of Rs. 50,000 for a topographical survey, yet they would be disposed to consider favorably an application for the employment of No. 3 Party in this Presidency if it could be shown how it was proposed to utilise it.

4. The Memorandum of the Financial Department was communicated to the Superintendent of Revenue Survey, and his remarks thereon are now forwarded to the Government of India for their information; as also his letter No. 1,581/45, 20th July 1872, referred to in paragraph 1 of the Memorandum.

5. Before dealing with the subject of the topographical survey, the scheme for the re-organisation of the department, prepared by Colonel Priestley in 1871, but submitted to Government of India for sanction with letter, No. 584, 11th May 1874, claims attention. This scheme is the subject-matter of the criticisms contained in paragraphs 3 to 16.

6. In paragraphs 3 to 7 it is compared with existing sanctions; in paragraphs 8 to 16 the scale of salaries for officers of the rank of Deputy Superintendents and Assistant Superintendents is discussed.

7. The Government are ready to admit the substantial correctness of the remarks in the earlier paragraphs. Through an inadvertence the Superintendent took credit in his statement of present establishment for the cost of the Demarcation Parties required to complete his 5½ combined Survey and Demarcation Parties, under the impression that their cost, which he presumed was provided for in the Settlement Budget, had been, or would be, transferred to the Survey Budget. He also, by a clerical error, took credit for a half Demarcation Party. This Government regret that these excess credits, amounting, in round numbers, to Rs. 1,63,000 were overlooked in their Office before the submission of the scheme to the Government of India. Against these excess credits, however, is to be set the military pay of officers which amounted at the time probably to nearly Rs. 50,000, and for which no credit was taken by

SECRETARY
No. 825-826.

THE SUPERINTENDENT OF
REVENUE SURVEY

REVENUE.

Govt of (1877) Mysore.

Reorganisation of Mysore Revenue Survey—
Ascertaining the revised scale for the— which brings
the estimated cost of the department within the
amount of existing sanctions, and resolving to
forward to Government of India for adoption.

Colonel Priestley, as should have been done; this was expressly stated in the remark-column of the scheme. Under these circumstances and with reference to the operation of the Financial Resolution, 31st October 1873, No. 3,927, this Government have thought it desirable to direct the Superintendent of Revenue Survey to frame a fresh and more moderate scheme, better suited to the exigencies of the case. This scheme, together with the Superintendent's letter submitting the same, is now forwarded. Its adoption is strongly recommended, subject only to the amendments hereafter noted (1) that the pay of 1st-class Civil Deputy Superintendents be fixed at Rs. 1,100 instead of Rs. 1,000; (2) that travelling allowance be granted as in Bengal. The first will entail an additional annual charge of Rs. 2,400.

8. The following is the financial abstract of the scheme submitted by Colonel Priestley:—

	Total of present Scale.			Total of proposed Scale.			Increase.			Decrease.			Remarks.
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Superintendent ...	21,934	8	0	21,934	8	0				334	8	0	
Central Office, including Lithographic Establishment ...	35,232	0	0	47,300	0	0	11,998	0	0				
Deputy and Assistant Superintendents ...	1,51,669	1	0	1,35,000	0	0				15,769	1	0	
Five combined Survey Parties, exclusive of contingencies ...	3,72,770	0	0	4,64,000	0	0	81,730	0	0				
Half Survey Party ...	50,425	0	0	53,045	8	0	3,520	8	0				
Half Demarcation ...	19,974	0	0							19,974	0	0	* Inclusive of Rs. 3,079, Regimental allowance not taken credit in former scale.
Contingencies, &c. ...	76,110	0	0	63,000	0	0				12,810	0	0	† Is caused by providing one First and one Second Assistant at the new Civil rates instead of one Military First Assistant on Rs. 681-10-0.
	7,28,114	9	0	7,76,875	8	0	48,761	8	0	48,887	9	0	

a Five Survey and two Demarcation Parties.
b No excess Rs. 48,200-15-0.

9. The expenditure shown under "Present Scale" is based on the sanctioned allotments plus the payments under head of Military Allowances made in 1875-76. It thus appears that the cost of the department to Government as now constituted may be set approximately at Rs. 7,28,000, the Budget allotment, however, being usually under Rs. 7,00,000.

10. The field strength of the department is shown in the margin. The cost of the department, if constituted as proposed, will be Rs. 7,79,000, including the increased rate to 1st-class Civil Deputy Superintendents, an increase approximately of Rs. 51,000.

It will consist of five combined Survey and Demarcation Parties and a half Survey Party. Thus, for an additional actual expenditure of about half a lakh, the equivalent of 2½ Demarcation Parties will be added to the strength of the department, and the Central Office considerably increased. The additional Demarcation Parties at the old rates would have cost about Rs. 1,20,000. It is confidently hoped, should the scheme now submitted be sanctioned, that in the outturn of Revenue Survey and Demarcation work there will be an increase of nearly 30 per cent., though there will be

a temporary decrease in the topographical branch, until the services of the half Survey Party, now employed in Ganjam, are available for topographical work which will be the case in about a year. It is, however, the increase in the Revenue work which will, it is hoped, follow from the revised system that commends it for political and economic reasons to this Government,—an end which, it is noted, is in accordance with the wishes of the Government of India.

11. The increase in the expenditure, on the other hand, will be only about 7 per cent. In order to effect this object the two Survey Parties to which the Demarcation Parties have been attached will be reconstituted; also the three other Survey Parties strengthened so as to allow of the Demarcation being performed on the combined system. The funds now allotted for the half Demarcation Party will be utilised for this object.

12. Apart from the reduction in the cost of a combined party, which will stand, exclusive of officers, at Rs. 1,03,560 against Rs. 1,12,648,* the present scale, there will be a direct saving of Rs. 12,800 under Contingencies. The increase under this head in the scheme of 1871 is noticed unfavorably in the Memorandum.

Since then the pay of Peons and Sub-Assistants has been raised by order of Government, which accounts for the difference.

G.O., dated 11th April 1866, No. 833.
" " 29th Oct. 1867, " 2,543.

13. I am to observe that the saving under Deputy and Assistant Superintendents will not be so great as estimated by the Superintendent, owing to the facts (1) that the allowance for 1st-class Deputy Superintendents is raised by Rs. 2,400; and (2) that the average for 2nd-class Assistants should include one military officer, a Major. As, however, this officer will shortly, it is understood, pass into the 1st-class, the scale has not been amended.

14. The annual cost of the superior agency, taking the Department as it stood at the end of last year, is estimated at over 1,83,400*, including the salary of the Superintendent and military allowances.

	Rs.	A.	P.
1 Superintendent ...	21,934	8	0
2 Military Deputy Superintendents ...	29,321	8	0
3 Uncovenanted Civil Deputy Superintendents ...	27,000	0	0
4 Military 1st-class Assistants ...	47,361	6	0
4 Uncovenanted Civil 1st-class Assistants ...	26,400	0	0
1 Military 2nd-class Assistant ...	8,388	12	0
5 Uncovenanted Civil 2nd Assistants ...	23,100	0	0
	1,83,406	2	0

* 1 Acting.
† 2 ..

	Present Pay.			Consolidated Pay.	Difference.		
	Rs.	A.	P.	Rs.	Rs.	A.	P.
Major, 1 Asst. Supt. ...	1,065	14	6	900	165	14	6
Do. 1 do. ...	1,065	14	6	900	165	14	6
Do. 1 do. ...	1,015	14	6	900	115	14	6
Do. 2nd Assistant ...	965	14	6	600	365	14	6
					813	10	0
Annual Charge ...					9,703	8	0

That now proposed will be approximately Rs. 1,69,500, exclusive of the charge on account of the excess of military allowances drawn under the operation of the Financial Memorandum of 15th October 1872, amounting approximately to 9,700 Rs. per annum, as shown in the margin. These allowances would be absorbed in course of time by promotion; also the senior Major among the First Assistants will probably retire shortly.

15. The following are the rates proposed and the number of officers to be fixed for each grade:—

		RATES.	
		Civil.	Limit for Military Officers, substantive or officiat- ing.
		RS.	RS
Superintendent...	...	1,500	1,800
2 1st-class Deputy Superintendents	...	1,100	1,400
3 2nd do.	...	750	1,200
6 1st-class Assistant Superintendents	...	550	900
6 2nd do.	...	425	600

16. This list provides for an establishment of eighteen superior officers, including the Superintendent. Of the present establishment, nineteen in all, eight are military and eleven civil officers, Colonel Priestley having recently retired.* Of

* 6th July 1876.

the military officers one is employed outside this Presidency on the Coorg Survey, and consequently need not enter into the calculation. The following table shows the establishment as it stands on Colonel Priestley's retirement, as compared with its position if the scheme proposed is approved:—

* Consolidated.
† Average pay.

17. Adding to the sum of the proposed pay the probable excess military pay, we find that the total gross charge for officers will stand at 1,79,100 against recent actuals of about Rs. 1,83,000, a saving of probably Rs. 4,000; whilst with this decreased establishment as already pointed out, an increase of work is confidently expected. Under existing sanctions, the Survey Department is entitled to twenty-two officers of various grades inclusive of the Superintendent who would cost approximately Rs. 1,94,000, calculated on the average of present allowances.

Existing Sanctions for Officers	
Survey Party.	Demarcation Party.
1 Deputy Superintendent.	1 1st Asst. (Mily.)
1 1st-class Assistant.	1 2nd do. do.)
1 2nd do. do.	
1 Survey Party.	1 Demarcation Party.
1 1st-class Assistant.	1 2nd Assistant.

18. In the scheme now submitted, the number of officers for a combined party is one Deputy, one 1st-class Assistant, and one 2nd-class; whilst one 1st-class and one 2nd-class Assistant are allowed for the half Survey Party. This reduction is possible by increasing the strength of the superior subordinate establishment.

19. In submitting the revised scheme of pay, the Government desire me to point out that it is imperative for the well-being of the department that the scale of pay should be raised. The effect of the Financial Resolution of 15th October 1872 has been that, with one exception, the military officers have already obtained the maximum of pay they will ever be entitled to draw, so long as that Resolution continues in force. Not only this, but it is impossible to promote such officers either substantively or officiating without entailing upon them loss of income, as the Accountant-General has ruled that an officer officiating in a less highly-paid appointment than his substantive one is not entitled to draw the pay of the latter. The result of this is, that departmental arrangements have to be made instead of gazetted promotions. The Government are prepared to admit that the combined pay now drawn by military officers in the grades of First and Second Assistant is abnormal, but it is to be remembered that promotion has been so slow that the pay cannot be regarded as excessive when the length of the recipient's service in the department is considered; and for this reason the Government express a strong hope that, in sanctioning the proposed scale, the Government of India will not require military officers, who, under the above Resolution, are already drawing pay higher than that proposed for their grade, to forfeit such advantage, the cost of the concession being but trifling.

20. With regard to the rates proposed for military officers, I am to point out that they are still lower in the grades of Deputy Superintendent than the new consolidated rates for military and civil officers sanctioned for Bengal, although they are simply maximum rates:—

Proposed maximum Rates for Military Officers.		Bengal consolidated Rates.*	
	Rs.		Rs.
1st-class Deputy Superintendent	1,400	1st-class Deputy Superintendent	1,600
2nd " " "	1,200	2nd " " "	1,300
1st " Assistant	900	3rd " " "	1,000
2nd " " "	600	1st " Assistant	750
		2nd " " "	600
		3rd " " "	500

(* Besides military pay for officers of the Royal Engineers.)

21. The maximum pay proposed for 1st-class Assistants is high, but considering the slowness of promotion in the department, the Government do not consider it unduly

so. The same remark applies to the case of 2nd-class Assistants, as also the fact that the higher rate of pay will enable the department to secure men of higher qualifications than is now practicable.

22. As regards Civil Officers it will be observed that the Government propose to retain the rates of pay proposed in 1865, with the exception of the division of Deputy Superintendents into two classes, the pay of the lower class continuing at the sanctioned rate, that of the higher class, containing two civil officers, being fixed at Rs. 1,100. Though the Government are quite conscious of the disadvantages connected with two distinct rates of pay in the department, yet, considering the actual condition of the Civil branch, and the fact that any great increase of pay to these officers, whilst an unexpected boon to them, would entail a considerable, and, in their opinion, an unjustifiable charge upon the State, they cannot recommend the introduction of a consolidated scheme; still they deem it highly desirable to raise the pay of some of the senior officers. There are four civil officers in the grade of Deputy Superintendent. At present they have nothing to look forward to, except the very distant prospect of promotion to the post of Superintendent. Two of these officers have been drawing their present pay for nearly ten years. As already mentioned in the scheme submitted by Colonel Priestley, the rate of pay for 1st-class Uncovenanted Civil Deputy has been fixed at 1,000 Rs. It has, however, been deemed expedient to raise the rate to Rs. 1,100, the salary proposed by Colonel Priestley in 1871, which will ensure the higher rate of pension of £500. The remuneration these officers will receive, should this scheme be approved, considering the responsible nature of their work, is moderate.

23. As regards the pay of the Superintendent, it is proposed to fix it at Rs. 1,800, should the appointment be held by a military man. This salary is considerably less than that fixed for this grade in Bengal, and is less than that now drawn by Colonel Priestley. It is observed that, under the Resolution of October 1872, Colonel Hesse who has succeeded Colonel Priestley draws only Rs. 97-2-0 in addition to his former pay. This simple fact needs no comment.

24. I am also to draw attention to the fact that the Madras civil officers draw no travelling allowance, as is the case in Bengal; the Government propose to grant travelling allowance to all officers at the rates and subject to the rules there prevailing.

25. Considering the moderate rates of pay now proposed, the Government are of opinion that this concession may be granted. The item has not been included in the scheme now submitted, but as the total charge would be but small, it has not been thought necessary to return it for revision.

26. The increase in the Central Office Establishment of Rs. 11,898 is sought to enable the department to deal promptly with

	SQ. MS.		SQ. MS.
1859	1,562	1868, 3 months...	389
1860	3,383	1868-69	2,264
1861	4,260	1869-70	3,517
1862	4,902	1870-71	3,578
1863	4,764	1871-72	3,132
1864	3,338	1872-73	3,357
1865	2,952	1873-74	3,983
1866	2,720	1874-75	4,575
1867-68	2,687	1875-76	5,078

The average for the six years ending 1864 was 3,01 square miles; six and quarter years ending 1870-71, 2,898 square miles; five years ending 1875-76, 4,025 square miles.

the greatly-increased mass of work which accelerated operations are throwing upon that Office in all its branches as shown in the margin. The growing difficulty experienced in bringing up arrears is such that the Government is of opinion that, unless relief is speedily given, it will be impossible to utilise fully the material already accumulated.

27. The scheme provides three Assistants of higher calibre in the place of

the two Assistants and one Draughtsman now employed, at an increased cost of Rs. 5,000. Also, for a considerable addition to the number of Draughtsmen, Examiners, Typers, and Colormen, at an additional charge of Rs. 5,640 in the Lithographic Establishment.

28. With regard to the remarks in paragraph 17 of the Financial Memorandum to the effect that a larger outturn of work was secured formerly with the present establishment, I am to explain that between the years 1860 and 1864, district officers were, it is understood, allowed to take credit for areas, of which they had merely taken the measurements, on supplying the settlement with these areas, although the work continued to no small extent unplotted and unmapped. The result is the high figures noted. Moreover, in the early years of the department the same accuracy and finish as now prevails was not required. Had the present rules applied at the time, a considerable portion of the areas taken credit for would not have appeared in the returns of completed work. Since then, the arrears of plotting and mapping have been brought up, and work is not taken credit for until all the processes, except the final mapping, are complete. The area surveyed exceeded the area of which the mapping had been completed, upon the 31st March 1876, by nearly 5,000 square miles.

29. The improvement, however, has been great, the increase of mapping having more than kept pace with the increase of field-work, the arrears standing on 31st March 1876 at the above figure, against 6,250 square miles at the close of 1872-73, the average outturn of work having been 4,985 square miles during this period.

30. The aid sought for field operations, as stated, consists in strengthening the three Survey Parties for the combined operations of Survey and Demarcation. This system ensures the work being superintended by professional surveyors instead of by unprofessional officers of the Settlement Department. The Government consider the system likely to secure both excellence of work and economy of labor. The transfer of the work from the Settlement Department is already effecting a considerable saving to the State, and enabling that Department to accelerate their purely settlement operations. The cost of demarcation work has fallen from Rs. 95,000 in 1866

	Cost per Mile.					
	Survey Department.			Settlement Department.		
	RS.	A.	P.	RS.	A.	P.
1870-71 ...	48	10	7	62	3	7
1871-72 ...	52	11	5	32	5	8
1872-73 ...	56	5	3	54	1	3
1873-74 ...	50	12	4	71	11	4
1874-75 ...	46	15	10	124	6	1
1875-76 ...	52	3	10	273	14	3
	307	11	3	613	10	2
Average ...	51	4	6	103	1	8

31. With regard to the remarks in paragraphs 18 to 23 of the Memorandum wherein certain suggestions for economising and concentrating labor by the use of scientific and technical appliances, such as photo-zincography, &c., and of improvements of the scales in use and the like, I am to draw attention to the explanations of the Superintendent. The Government of India will learn that improved professional and technical appliances are in full working so far as, on trial, they have been found adapted to the circumstances of an agency consisting, to a great extent, of natives of the country, and have been attended with considerable success. The attention of the

Government and the officers of the Survey Department has been, and is, increasingly directed towards effecting improvements and economies by the methods alluded to by the Financial Department, and in such other ways as the scientific knowledge of their officers has suggested. But it is partly to bring into full play these improvements that aid in the Central Office is now asked.

32. The Madras Government deputed, in the autumn of last year, an experienced officer of the department (Colonel Hessey) to examine the processes in use in the North-Western Provinces Cadastral Surveys, and some profitable changes are the result of his inquiries.

33. Whilst this Government are in no way anxious to institute comparisons between the working and cost of the Madras Survey and the other surveys referred to, yet they are assured that, were a comparison made, it would not be altogether so unfavorable to Madras as assumed in the Memorandum. The total cost of a Madras Survey Party, exclusive of demarcation, on the sanctioned scale, is Rs. 80,000. This Government understands that this is more or less the cost of a Cadastral Survey Party in the North-Western Provinces. And whilst it is understood that no greater completeness and finish is aimed at there than in Madras, the outturn of work is little more than in Madras, and the cost but slightly less, as shown in the following statement. Demarcation charges are excluded in each case:—

	No. of Parties.	Area surveyed.	Total Cost.		Cost per Mile.	
		SQ. MS.	RS.	A.	P.	RS.
North-Western Provinces, 1874-75..	6	3,324	4,40,739	6	4	132
Madras average for 3½ years, ending 31st March 1876 ...	5½	2,752	3,92,507	0	0	142

34. It is to be remembered that a large portion of the work has been carried out in a country, the physical conditions of which are less favorable to speedy and cheap work than the North-Western Provinces. Moreover, it is understood that certain expenses incurred in the Central Office, &c., and assistance given in the reproduction of maps, are not debited to the Cadastral Survey. But be this as it may, the Government are assured that the foregoing facts will suffice to show that the Madras Revenue Survey is not unduly expensive, and that interference with the internal arrangements of the department is to be deprecated.

35. I am directed, also, to draw the especial attention of the Government of India to the steady increase in the outturn of work generally during the last three years with the corresponding decrease in the mileage cost. In paragraph 26 of the Board's

Years.	Extent.	Expenditure.	Cost per Mile.
	SQ. MILES.	RS.	RS.
1872-73 ...	3,357	5,56,189	165
1873-74 ...	3,983	5,36,554	135
1874-75 ...	4,575	5,86,639	128
1875-76 ...	5,078	5,94,219	117

Proceedings quoted, the outturn up to 31st December 1872 was given. The marginal statement brings the outturn up to 31st March 1876. It will be observed that during last year the highest outturn on record was secured. This expenditure, it is to be noted, includes a certain proportion of the charges on account of the Central Office, also special surveys in the Nilgiris and Wynaad, and other localities, costing approximately five lakhs during the past three years.

36. If, as the Government infer from the remarks contained in paragraphs 24 and 25, it is the opinion of the Financial Department that the combination of Demarcation and Survey operations is not conducive to expedition and economy, they direct me to state that they cannot endorse this view as regards this Presidency. Since the two have been combined, or rather been worked, under one head, there has been a larger outturn of work and that of a higher character. The progress and character of the Demarcation work performed by the Settlement Department was anything but satisfactory. The remarks of the Superintendent in paragraph 24 are, the Government admit, in the main correct. It has already been shown that Demarcation operations can be, and are being, more economically carried out by the Survey than by the Settlement Department. The proposed cost of a Party on account of the combined

Proposed scale for combined Party...	Rs. 1,03,560	1,03,560 against Rs. 1,02,132, the originally sanctioned sum for a single Survey and single Demarcation Party exclusive of officers; whilst the additional outturn of work is estimated at 1,081 square miles.
Original sanction for single survey and single Demarcation Party ...	1,02,132	
Total...	1,428	

Nor does there appear to be good ground for the apprehension expressed in paragraphs 26 and 31 that the slowness of the operations in the Madras Survey will retard the progress of the Settlement. The Survey now no longer retards, as it once seriously did the Settlement, though some adjustments are still necessary. The five settled districts (Trichinopoly, Godavery, Kistna, Salem, and Nellore) are fully surveyed, and the Revenue Survey is complete in three districts (Kurnool, Chingleput, and Tinnevely) where the Settlement is still in hand and where partial delay had formerly arisen from the difficulty of bringing up survey arrears. In three other districts (Ganjam, Cuddapah, and Coimbatore), the Survey is rapidly supplying material for the Settlement Department, and the settlement proposals are in course of submission.

37. Referring again to the criticisms on the slow progress of the Madras Survey, I am directed to draw the attention of the Government of India to the progress made in the work since 1872,—a progress so satisfactory as to render it unnecessary to enter into any detailed explanation as to the causes which affected the progress of the Survey operations in the previous years. The statements of the work performed by the department up to 31st December 1872 (detailed in Board's Proceedings,*

* G.O., 11th May 1874, No. 584.

2nd September 1873, paragraphs 18—24) are contrasted with the returns on the 31st March 1876. Statement No. 1, appended to Colonel Priestley's letter of the 6th June, shows the work done and to be done in each district on the latter date, compared with Statement B appended to the above Proceedings. The following are the results:—

	AREA FOR			SURVEYED			TO COMPLETE		
	Revenue Survey.	Topographical Survey.	Total.	Revenue.	Topographical.	Total.	Revenue.	Topographical.	Total.
31st March 1876...	57,220	50,965	1,08,185	45,080	17,855	62,935	40	33,110	45,250
31st December 1872 ...	55,032	52,783	1,07,815	36,385	11,428	47,813	347	41,340	60,000
Difference ...	2,188	1,818	370	8,695	6,427	15,122	6,507	8,245	14,752
Annual Rate of Progress...				2,752	1,977	4,729			

38. From this statement it appears that the area for Revenue survey has increased from 50.9 per cent. of the total for survey to 52.9, whilst there has been a corresponding decrease in the area for topographical survey. Of the total area for Revenue survey, 45,080 square miles, or 78.8 of the whole, has been completed; and 17,855 square miles, topographical, or 35 per cent. The arrears of topographical work in the districts where the Revenue survey is complete has fallen from 10,383 square miles to 7,890 square miles; but in the districts where the survey is far advanced, it has risen from 8,064 square miles to 13,142 square miles. Thus the total arrears stand at 21,032 square miles against 18,447 at the close of 1872.

	SQ. MILES.	PER CENT.
Revenue Survey	57,220	52.9
Topography	50,965	47.1
	<hr/> 108,185	<hr/> ...

	Estimated	Surveyed.	Per
	SQ. M.		Cent.
Revenue	57,220	45,080	78.8
Topographical	50,965	17,853	35

39. As then pointed out additional strength to bring up the topographical arrears was absolutely necessary, and this is even more requisite now, as the outturn of Revenue work has so largely increased. But however necessary such aid may be, this Government, coinciding with the opinion expressed in the latter part of paragraph 31 of the Memorandum, hold the first object to be the completion of the Revenue survey work in the districts already entered upon, and when this

	Revenue Survey.	Topographical Survey.	Total.
1873-74 ...	1,625	2,358	3,983
1874-75 ...	3,316	1,259	4,575
1875-76 ...	3,066	2,012	5,078
	8,007	5,629	13,636

is done, the reconstitution of the parties (at a decreased cost) for topographical work, or such of them as may not be required for revenue work in the remaining districts, should they be entered on. To complete the districts on hand 45,250 square miles have to be surveyed, viz.—

	Extent.	Per-centage.
Revenue ...	12,140	21.4
Topographical ...	33,110	65
	45,250	...

40. If the scheme now submitted is approved, it is confidently expected that the revenue part will be completed within three and a-quarter years at 3,750 square miles a-year; but in rather more than four and a-half years if things remain as they are, at the average progress of the last three years, viz., 2,669 square miles. The increase asked for this additional work for the three years is approximately 1,50,000; should the department remain as at present, the cost would be nearly 6,40,000, taking the average annual cost to Government of Revenue survey operations at 3,92,000 Rs. and demarcation operations at 1,22,000.

41. As regards the topographical work in the seventeen districts the Government estimate that, should the five complete parties be reconstituted for topographical purposes on completing their revenue work, and should the Ganjam half Survey Party be

Note.—Area to be done ... sq. miles.

Five parties three years, at 1,250 square miles ... 3,750
 Half party two years, at 1,000 square miles ... 2,000
 ... 5,750

Area still to be done at close of three years ... 27,360

This would take the five and a-half parties at 10,000 square miles a-year less than three years.

Districts.	Revenue.	Topographical.
Tanjore	3,735	...
Vizagapatam	1,000	4,303
Malabar	4,842	...
Canara	3,902	...
	13,479	4,303

long deferred. It was with this object that they sought further aid for the topographical work, both in the field and in the Central Office (G.O., 11th May 1874, No. 584). The present exact position of topographical and geographical work in the Presidency up to the 31st March 1876 is set forth in detail in Colonel Priestley's letter of the 6th June. It will be observed from that letter that the work to be done to complete seven of the sheets is not great. To meet, as far as possible, the views of the Government of India, it is, as already stated, proposed (1) to utilise the grant for the half Survey Party now in Ganjam to bring up the topographical work of districts in arrears as compared with the revenue work; (2) to accept the offer made by the Government of India of the services of No. 3 Topographical Party, now engaged in the Central Provinces in the neighbourhood of the Vizagapatam and Godavery Districts.

43. Should the Government of India consent, it is proposed to employ it in the topographical survey of Ganjam and Vizagapatam. Of these districts the Party has had some experience. The work is mainly topographical. The Ganjam Revenue Survey is nearly complete, and the Vizagapatam can be entered upon when convenient without interfering with the Bengal Party. In taking advantage of this offer, the Government presume that the Party will be placed generally under the orders and directions of this Government.

	Revenue. sq. miles.	Topographical. sq. miles.
Vizagapatam	1,000	4,303
Ganjam	1,412	3,863
	2,412	8,363

44. In conclusion, I am to point out that the Government have, in the foregoing proposals, endeavoured to meet, what they understand to be, the wishes of the Government of India as regards the advantages, from a revenue point of view, to be derived from accelerating the progress of the Revenue survey operations, as well

constituted a Topographical Party at the close of the year, the mileage to be done may be completed within six years from the present time.

42. But it is to be remembered that four districts, as shown in the margin, are not included in the above calculation, as it is not probable that any of them will be surveyed for revenue purposes, at all events, in the elaborate manner deemed necessary in the other districts. They may be taken as adding 18,000 square miles to the topographical work to be done in the Presidency, or nearly two years additional work for the five and a-half Parties. The Government, however, are of opinion that it is inexpedient to allow so long a period to intervene between the completion of the two branches of survey; in other words, that the completion of the Atlas Maps and the supply of geographical material should be so

as the supply of geographical material, in a manner which, if sanctioned, they believe will ensure progress in proportion far in excess of the slight increase of cost. They request that these proposals may receive early attention.

I have the honor to be,
 Sir,

Your most obedient servant,
 (Signed) D. F. CARMICHAEL,
 Secretary to Government.

F. R. Bantleman.

Agriculture 1876; Department.

Government of Fort St. George.

Dated 14th July 1870.

No. 941.

Received

Enclosures.
5 spare copies

D. No.

Progs.

D. No.

No.

Submitting for adoption a scheme for the reorganisation of the Survey Department; and requesting that the proposals of the Madras Government may receive early attention.

842
13

List of officers as they stand on the 27th October 1876 with present estimate

Names	Rank	Pay at present draw		
		Civil	Military	Total
Col. W. W. Peasey	Superintendent	1500	"	1500
Mr. J. C. Puckell	Py. Do	750	"	750
" W. Beaumont	Do	750	"	750
" H. O. C. Cardozo	Do	750	"	750
Lieut Col. J. G. Glete	Do	575	457 4	1032
Mr. N. Gumperty	Do	750	"	750
Major A. O. H. Gray	off. Do	425	640 14 6	1065
" C. D. Baynes	1st Lt. Do	425	640 14 6	1065
Mr. J. H. Wright	Do	550	"	550
" J. Tomlinson	Do	550	"	550
Captain W. F. Fretth	Do	425	374 1	799
Captain R. M. Clerk	Pg. Do			
Major C. A. Biardet	Do Do	375	640 14 6	1015
Mr. J. A. Tomlinson	Do Do	550	"	550
Major C. C. Sargeant	2 nd Do Do	325	640 14 6	965
Mr. J. H. Merriam	Do Do	425	"	425
" E. M. Baker	Do Do	425	"	425
" J. H. Cook	Do Do	425	"	425
" A. Maltby	Do Do	325	"	325

Rev Survey Office
Chepauk.
31 October 1876

26 2
14

Post No 27-2-77 No 82

26 4

Superintendent civil pay	1000	Superintendent	
Regt allowance	827 14 2/1934-8		
Central office.			
1 Head Assistant	250	1 Civil Assistant	
1 office do	150	1 do	
1 Head Draughtsman	150 6600	1 do	
2 Clerks	50	3 Clerks 1/2 30, 1/2	
1 Record Keeper	50	2 Record Keepers	
1 Cash Keeper	40	1 Cash Keeper	
2 Examiners	70	2 Examiners	
1 Despatching clerk	15	1 Despatching	
1 Manager	100	1 Manager	
2 Computers	60	2 Computers	
1 Examiner	30	1 Examiner	
1 Record Gumaastah	12	2 Record Guma	
2 Examiners & Accountants	120	1 Registrar	
1 Translator	50	1 Indexer	
1 Clerk	30	1 Attender	
1 Record Keeper	20	1 Mutchi	
2 Mutchies	14 8	1 Duffadar	
1 Duffadar	14	1 Head peon	
1 Head peon	8	9 Peons	
9 Peons	63 8958		
4 Draughtsmen	170	3 Draughtsmen	
3 Examiners	100	2 Examiners	
2 Map Record Keepers	55	5 Sealers 1/2 15	
1 Map Record Gumaastah	12	1 Map Record	
1 Store Keeper	40	5 Apt do	
1 Mutchi	7-8	1 Store Keeper	
	4614	1 Attender	
		Travelling allowance	
Total Rupees	20172		

21600	334 8	
400		
350		
300	12600	6000
65		
75		
40		
70		
15		
100		
60		
70		
30		
30		
50		
12		
7-8		
14		
8		
63		
8514	444	
70		
130		
63		
35		
80		
50		
10	5256	642
250	3000	3000
29370	9642	4444

Brought forward 55719-
 1 Ag. First Assistant 375-
 Regt. allowance 640-14-6
 3 First Apts @ 550. 1650- 67161-6-
 1 Second Assistant 325-
 Regt. allowance 374-1-
 2 Second Apts @ 425 850-
 2 do @ 325 650-
 1 Probationary Aft. 200- 28758-12-

Total of Dist. Officers 151669-2-

District Subordinate Establs.

1 Sub Assistant 150-
 1 Boundary Inspector 150-
 8 Head Surveyors 2 @ 100, 2 @ 80,
 1 @ 70 & 3 @ 50 580-
 1 Inspector 100-
 1 Dy. do 50- 12360-
 12 Dy. Surveyors 2 @ 50, 5 @ 40,
 & 5 @ 30 450-
 1 Dy. Inspector 40-
 6 Detail Surveyors 3 @ 25 & 3 @ 20 135- 7500-
 60 Amins 30 @ 14 & 30 @ 12 780-
 60 Gunmastahs 10 @ 10, 10 @ 9,
 & 40 @ 8 510-
 17 Head Gunmastahs 3 @ 30,
 & 25 @ 8 @ 20 400-
 52 Gunmastahs 30 @ 15 & 22 @ 12 714- 28848-
 4 Office Gunmastahs 2 @ 15,
 & 2 @ 12 54- 648-
 12 @ 10.

Carried over

49356-

Brought forward 58800- 3081

1 Second Aft. 600-
 Charge on account of excess of
 Military allowances 365-14-6
 4 Second Apts @ 425 1700-

55172-10- 11988-12-

31990-14- 2202-2-
 145963-8- 6283-2- 11988-12-

Combined Survey Party

2 Sub Apts @ 200 450-
 7 Head Surveyors 2 @ 100,
 1 @ 80 & 4 @ 60 520-

11640- 720-

48 Dy. Surveyors 9 @ 50, 9 @ 40,
 10 @ 30, 10 @ 25 & 10 @ 20 1560-

18720- 11220

90 Field Surveyors 60 @ 17,
 & 30 @ 15 1470-

17640- 11208

12 clerks 10 @ 20, 5 @ 15, 4 @ 12,
 & 12 @ 10 163- 1956- 1308

49956- 12528 11928

Carried over

Brought forward 49356

1 Office Manager	100	
1 Head Writer & Computer	50	
11 Writers & Computers	3	
2 @ 30, 2 @ 25, 5 @ 20 & 2 @ 15	3	240
Additional sum	28	

1 Head Draughtsman	75	
19 Draughtsmen 1 @ 50, 3 @ 30,		
5 @ 25, 5 @ 20 & 5 @ 15		440
Additional sum	45	6720

1 Dreper	24	8	294
3 Duffadars @ 10	30		
4 Head Beons @ 8	32		
18 Beons @ 7	126		
231 Measuring Beons 1 @ 7			
4230 @ 6			1387
			18900

1 Head Mutchie	9	
6 Mutchies 1 @ 8, 2 @ 7,		
1 @ 6 1/2, 1 @ 5 1/2 & 1 @ 5		39
1 Blacksmith	5	

2 Sweepers @ 5	10	180
Measurement allowance	768	13
Contingencies	301	10
Office allowance	182	8

Carried over

96078

Brought forward

1 Office Manager	
1 Head Accountant	
2 Apts. do	
4 15	
2 Store keepers @	
1 English Clerk	
42 @ 15	
4 Record keepers	
1 @ 15 & 1 @ 10	
1 Head Computer	
36 Computers 1 @	
3 @ 25, 4 @ 20, 8 @ 15	

1 Head Draughtsman	75
53 Draughtsmen	
10 @ 20, 15 @ 15 & 20	

2 Duffadars @	
6 Head Beons @	
22 do @	
160 Measuring	

1 Head Mutchie	
7 Mutchies @	
1 Artificer	

1 Sweeper	
Contingencies	
Office allowance	

Carried

Brought forward 49956 12528 11928

Sub. Apts. 150	
ent 70	
2 @ 20	
35	
30 @ 15	45
1 @ 50, 1 @ 20	
100	
1 @ 35, 1 @ 20	
80	
70	
40, 2 @ 30	
8 @ 12 & 10 @ 10	571
	13452
	8436

1 Head Draughtsman	75
3 @ 40, 5 @ 25	
@ 10	870
	11340
	4620

		294
10	20	
8	48	
7	154	
Beons @ 6	960	
	14184	
		4716

10	
@ 8 & 5 @ 7	51
	732
	156
8	
5	156
	24

		9226
200	2400	1220
121	10	8
	1460	730
over	95680	25740
		28138

Brought forward	96078	Brought forward	93680
Stones	833 5 4 1000	Stones	480 4800 5250
Measurers & Coolies	547 8 6570	Measurers & Coolies	83 5 4 1000 5570
		Travelling allowance	
		& Apts Superintendent	
Total of a Survey and		Total of a combined	
Demarcation Estab ^t	112648	Party (Estab ^t only)	101980

Brought forward	93680	25740	28138
Stones	480	4800	5250
Measurers & Coolies	83	5	4 1000 5570
Travelling allowance			
& Apts Superintendent			
Total of a combined	208	5	4 2500 2500
Party (Estab ^t only)			
	101980	28240	38908

Resurvey Office
Chepauk
31st October 1876

A. R. N. P. Colonel
Superintendent Resurvey

Abstract

	Total of present scale
Superintendent of Revenue Survey	21,934-8
Travelling allowance for do.	"
Central office inclusive of Lithog. Estab ^t	35,232--
Deputy & Assistant Superintendents	151,669-2
Travelling allowance for do.	"
Five Combined Survey parties exclusive of contingencies	372,770--
1/2 Survey party	50,425--
1/2 Demarcation party	19,974--
Stores & contingencies	76,110--
Total	7,28,114--10

Rev Survey Office
Chhapauk
31 October 1876

Total of proposed scale	Increase	Decrease
21,600--		334-8
3,000--	3,000--	
117,130--	11,898--	"
145,963-8	"	5,705-10
12,500--	12,500--	
449,100--	76,330--	"
"	"	50,425--
"	"	19,974--
48,300--	"	27,810--
7,27,593-8	10,3728--	10,4249-2

A. K. K. K. K. Colonel
Superintendent Rev Survey

10

Revenue Survey Deptt
Enclosure to letter
No 3331 of 31st Oct/16
131

Rev 4696/16
Jb 27-2-22-4-8

REVENUE DEPARTMENT.—Tabular Statement of Increase to Establishment in this Dept. recommended for the sanction of the Govt. of India.

Extract from Home Department of Government of India.		Office to which the Proposition refers.		Nature of Change.		Proposed Scale.		Permanent.		Grounds of Proposition.		Local Government's Recommendation.		Remarks.		Home Department.		Financial Department.		Orders.	
No.	Date	Present Scale.		Proposed Scale.		Increase per Annum.		Decrease per Annum.		Grounds of Proposition.		Local Government's Recommendation.		Remarks.		Home Department.		Financial Department.		Orders.	
Demarcation Department.																					
		Central Office.		Superintendent, Civil Pay		Monthly, Rs. A. P.		Annually, Rs. A. P.		Total		Superintendent		Monthly, Rs. A. P.		Annually, Rs. A. P.		Total		Total	
		1 Head Assistant		1,000 0 0		250 0 0		21,934 8 0		400 0 0		1,800 0 0		21,600 0 0		334 8 0		21,934 8 0		21,934 8 0	
		1 Office do		827 14 0		150 0 0		21,934 8 0		350 0 0		1,800 0 0		21,600 0 0		334 8 0		21,934 8 0		21,934 8 0	
		1 Head Draughtsman ..		50 0 0		150 0 0		21,934 8 0		300 0 0		1,800 0 0		21,600 0 0		334 8 0		21,934 8 0		21,934 8 0	
		2 Clerks		50 0 0		50 0 0		21,934 8 0		12,600 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Record-keeper		50 0 0		50 0 0		21,934 8 0		65 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Cashkeeper		40 0 0		40 0 0		21,934 8 0		75 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		2 Examiners		70 0 0		70 0 0		21,934 8 0		40 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Despatching Clerk ..		15 0 0		15 0 0		21,934 8 0		70 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Manager		100 0 0		100 0 0		21,934 8 0		15 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		2 Computers		60 0 0		60 0 0		21,934 8 0		100 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Examiner		30 0 0		30 0 0		21,934 8 0		60 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Record Gunstah		12 0 0		12 0 0		21,934 8 0		70 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		2 Examiners and Ac-		120 0 0		120 0 0		21,934 8 0		30 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Translator		50 0 0		50 0 0		21,934 8 0		30 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Clerk		50 0 0		50 0 0		21,934 8 0		12 0 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		1 Record-keeper		20 0 0		20 0 0		21,934 8 0		7 8 0		6,000 0 0		334 8 0		21,934 8 0		21,934 8 0		21,934 8 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0		21,600 0 0	
		Total		21,934 8 0		21,934 8 0		21,934 8 0		21,600 0 0		21									

Revenue Survey and

2 Muohie	14	8	0
1 Duifder	14	0	0
1 Head Pen	8	0	0
3 Pens	53	0	0
4 Draughtsmen	170	0	0
3 Examiners	100	0	0
2 Map Record-keepers..	55	0	0
1 Map Gunastah	12	0	0
1 Store-keeper	40	0	0
1 Muohi	7	8	0
Total...	...	...	...
Lithographic Establish- ment.	290	0	0
8 Draughtsmen	290	0	0
5 Examiners	160	0	0
15 Tracers	200	0	0
1 Lithographic Writer.	20	0	0
3 Typers	60	0	0
1 Head Printer	23	0	0
6 Printers	65	0	0
21 Pressmen and Ink- men	185	0	0
	8,958	0	0
	4,614	0	0
	20,172	0	0
	8,760	0	0

1	Duffa Jar	14 0 0
1	Head Peon	8 0 0
9	Peons	63 0 0
<hr/>		
8	Druggistsmen, 1 at 30 and 2 at 20	70 0 0
2	Examiners at 70 and 60	130 0 0
5	Scalers, 1 at 15 and 4 at 12	55 0 0
1	Map Record-keeper	35 0 0
5	Assistant Record-keepers, 1 at 25, 1 at 30, 1 at 15, and 2 at 10	80 0 0
1	Store-keeper	50 0 0
1	Attender	10 0 0
<hr/>		
	Total	...
<hr/>		
20	Druggistsmen, 1 at 50, 1 at 45, 2 at 40, 2 at 30, 1 at 20, 5 at 15, 4 at 12, and 4 at 10	418 0 0
9	Examiners, 1 at 60, 1 at 50, 1 at 40, 1 at 30, 1 at 20, 2 at 20, and 2 at 15	275 0 0
5	Tracers, 1 at 20, 3 at 15, and 1 at 10	75 0 0
10	Tracers, 3 at 10, 3 at 8, and 4 at 7	82 0 0
17	Typers, 1 at 15, 2 at 10, 5 at 8, and 9 at 7	188 0 0
15	Colourmen, 2 at 12, 4 at 10, and 10 at 8	154 0 0
6	Lithographic Writers, 3 at 10 and 3 at 8	54 0 0
2	Muchis	14 0 0
<hr/>		
1	Head Printer	2 0 0
7	Printers, 1 at 12 and 6 at 10	73 0 0
24	Pressmen and Inkmen, 3 at 8, 3 at 7, and 18 at 6	158 0 0

Wide letter to the Government of

REVOL

REVENUE DEPARTMENT.—Tabular Statement of Increase to Establishment in this Department, &c.—(Continued.)

Extract from Home Department of Gov.	No. Date	Office to which the Proposition refers.	Present Scale.		Proposed Scale.		Proposition.		Grounds of Proposition.	Local Government's Recommendation.	Home Department.	Financial Department.	Orders of the Government of India.
			Monthly. Rs. A. P.	Annually. Rs. A. P.	Monthly. Rs. A. P.	Annually. Rs. A. P.	Increase per Annum.	Decrease per Annum.					
			12 Stone Cleaners, Spongers and Paper Wetters	75 0 0									
			1 Head Muchi and Parcel Clerk	17 0 0									
			30 Muchi	185 0 0									
			3 Peons	21 0 0									
			1 Sweeper	5 0 0									
			Total	280 0 0									
			District Survey Officers.										
			1 Deputy Superintendent	928 10 5									
			1 First Assistant Superintendent	1,119 5 8									
			1 Second Assistant Superintendent	479 13 0									
			Total	30,333 13 0									
			Establishment.										
			1 Sub-Assistant	150 0 0									
			1 Boundary Inspector	150 0 0									
			Total	30,333 13 0									
			11 Stone Cleaners, Spongers and Paper Wetters, 1 at 8, 4 at 7, and 6 at 6	72 0 0									
			1 Head Muchi	17 0 0									
			27 Muchi, 5 at 7, and 22 at 6	167 0 0									
			3 Peons	21 0 0									
			1 Sweeper	6 0 0									
			Total	280 0 0									
			1 Deputy Superintendent	940 0 0									
			1 First Assistant Superintendent	900 0 0									
			1 Second Assistant Superintendent	425 0 0									
			Total	27,180 0 0									
			2 Sub-Assistants, at 150 and 200	450 0 0									
			7 Head Surveyors, 2 at 100, 1 at 80, and 4 at 60	520 0 0									
			Total	27,180 0 0									
			India, dated 14th July 1876, No.										
			Orders of the Government of India.										

Revenue Survey and

8 Head Surveyors, 2 at 100, 2 at 80, 1 at 70, and 3 at 50	580 0 0
1 Inspector	100 0 0
1 Deputy Inspector	50 0 0
12 Deputy Surveyors, 2 at 50, 5 at 40, and 5 at 30	450 0 0
1 Deputy Inspector	40 0 0
6 Detail Surveyors, 3 at 25 and 3 at 20 ..	135 0 0
60 Amins, 30 at 14 and 30 at 12	780 0 0
60 Gunstabs, 10 at 10, 10 at 9, and 40 at 8 ..	510 0 0
17 Head Gunstabs, 3 at 80, 6 at 25, and 8 at 20	400 0 0
52 Gunstabs, 30 at 15 and 22 at 12	714 0 0
4 Office Gunstabs, 2 at 15 and 2 at 12 ..	54 0 0
1 Office Manager	100 0 0
1 Head Writer and Computer	50 0 0
11 Writers and Computers, 2 at 30, 2 at 25, 5 at 20, and 2 at 15. Additional sum	240 0 0
	28 0 0
1 Head Draughtsman ..	75 0 0
19 Draughtsmen, 1 at 50, 3 at 30, 5 at 25, 5 at 20, and 5 at 15	440 0 0
Additional sum	45 0 0

Revenue Survey and

50 Deputy Surveyors, 10 at 80, 10 at 40, 10 at 30, 10 at 25, and 10 at 20	11,640 0 0
90 Field Surveyors, 60 at 17 and 30 at 15 ..	19,800 0 0
13 Clerks, 1 at 20, 5 at 15, 4 at 12, and 2 at 10 ..	17,640 0 0
1 Office Manager or Sub-Assistant	150 0 0
1 Head Accountant	70 0 0
2 Assistant Accountants, at 30 and 15	35 0 0
4 English Clerks, 1 at 50, 1 at 20, and 2 at 15 ..	100 0 0
4 Record-keepers, 1 at 35, 1 at 20, 1 at 15, and 1 at 10	80 0 0
1 Head Computer	70 0 0
35 Computers, 1 at 40, 2 at 30, 3 at 25, 4 at 20, 8 at 15, 8 at 12, and 10 at 10	371 0 0
2 Store-keepers, at 30 and 15	0 0 0
1 Head Draughtsman ..	75 0 0
53 Draughtsmen, 3 at 40, 5 at 25, 10 at 20, 15 at 15, and 30 at 10 ..	870 0 0
Average pay.	11,340 0 0

Average pay.

REVENUE DEPARTMENT.—Tabular Statement of Increase to Establishment in this Department, &c.—(Concluded.)

Extract from Home Department of Govt. of India.		Office to which the Proposition refers.		NATURE OF CHARGES.				Present Scale.				Proposed Scale.				PROPOSITION.		Grounds of Proposition.	Local Government's Recommendation.	India, dated 14th July 1876, No. 941.	Remarks.	Home Department.	Financial Department.	Remarks.																																			
No.	Date			Monthly		Annually.		Monthly.		Annually.		Increase per Annum.		Decrease per Annum.																																													
				1 Dresser	24 8 0	294 0 0	2 Duffadars, at 10	20 0 0	240 0 0	294 0 0	2 Head Peons, at 8	48 0 0	480 0 0	22 Peons, at 7	154 0 0	154 0 0	160 Measuring Peons, at 6	960 0 0	960 0 0	14,184 0 0	4,716 0 0	1 Head Munchi	10 0 0	10 0 0	7 Munchis, 2 at 8 and 5 at 7	61 0 0	61 0 0	1 Artificer	8 0 0	8 0 0	1 Sweeper	5 0 0	5 0 0	Contingencies	206 0 0	2,400 0 0	Office Allowance	131 10 8	1,480 0 0	7,800 0 0	1,000 0 0	1,63,560 0 0	20,820 0 0	35,908 0 0	1 First Assistant	550 0 0	550 0 0	1 Second Assistant	425 0 0	425 0 0	1 Sub-Assistant	150 0 0	150 0 0	5 Head Surveyors	380 0 0	380 0 0	11,700 0 0	3,520 8 0	

Enclosure to letter

No. 3331 of 31st Oct 1896

Rev 4696/56

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8 Head Surveyors, 5 at 100, 2 at 50, 1 at 70, and 8 at 30	580 0 0	12,360 0 0	50 Deputy Surveyors, 10 at 50, 10 at 40, 10 at 30, 10 at 25, and 10 at 20	1,050 0 0	11,540 0 0	730 0 0
1 Inspector	100 0 0					
1 Deputy Inspector	50 0 0					
12 Deputy Surveyors, 2 at 50, 5 at 40, and 5 at 30	450 0 0					
1 Deputy Inspector	40 0 0					
6 Detail Surveyors, 3 at 25 and 3 at 20	135 0 0					
60 Azeons, 30 at 14 and 30 at 12	780 0 0	7,500 0 0	90 Field Surveyors, 60 at 17 and 30 at 15	1,400 0 0	19,800 0 0	12,300 0 0
60 Gunstals, 10 at 10, 10 at 9, and 40 at 8	510 0 0					
17 Head Gunstals, 3 at 30, 6 at 25, and 8 at 20	400 0 0					
52 Gunstals, 30 at 15 and 22 at 12	714 0 0					
4 Office Gunstals, 2 at 15 and 2 at 13	54 0 0	28,848 0 0	12 Clerks, 1 at 20, 5 at 15, 4 at 13, and 2 at 10	168 0 0	17,640 0 0	11,208 0 0
1 Office Manager	100 0 0	648 0 0	1 Office Manager or Sub-Assistant	70 0 0	1,956 0 0	1,308 0 0
1 Head Writer and Computer	50 0 0		2 Assistant Accountants, at 20 and 15	35 0 0		
11 Writers and Computers, 2 at 30, 2 at 25, 5 at 20, and 2 at 15	240 0 0		4 English Clerks, 1 at 50, 1 at 20, and 2 at 15	100 0 0		
Additional sum	38 0 0		4 Record-keepers, 1 at 35, 1 at 20, 1 at 15, and 1 at 10	80 0 0		
			36 Computers, 1 at 40, 2 at 30, 3 at 25, 4 at 20, 8 at 15, 5 at 12, and 10 at 10	70 0 0		
			2 Store-keepers, at 30 and 15	571 0 0		
				45 0 0		
1 Head Draughtsman	75 0 0	5,013 0 0	1 Head Draughtsman	75 0 0	13,452 0 0	8,456 0 0
19 Draughtsmen, 1 at 50, 3 at 30, 5 at 25, 5 at 20, and 5 at 15	440 0 0		53 Draughtsmen, 3 at 40, 5 at 35, 10 at 20, 15 at 15, and 20 at 10	870 0 0		
Additional sum	45 0 0	6,720 0 0			11,540 0 0	4,650 0 0

* Average pay.

REVENUE SURVEY AND DEMARCATION DEPARTMENT.—Statement of proposed Alteration, in this Department, &c.—(Concluded.)

No.	Date	Office to which the Proposition refers.	NATURE OF CHARGES.		Present Scale.			Proposed Scale.			PROPOSITION.		Grounds of Proposition.	Local Government's Recommendation.	Orders.	Remarks.	Home Department.	Financial Department.	Orders.	Remarks.
					Monthly.	Annually.	Monthly.	Annually.	Monthly.	Annually.	Increase per Annum.	Decrease per Annum.								
			1 Dresser		24 8 0	294 0 0														
			3 Duffadars, at 10		30 0 0															
			4 Head Peons, at 8		32 0 0															
			18 Peons, at 7		126 0 0															
			231 Measuring Peons, 1 at 7 and 230 at 6		1,387 0 0	15,900 0 0														
			1 Head Mchhi		9 0 0															
			6 Mchhis, 1 at 8, 2 at 7, 1 at 6½, 1 at 5½, and 1 at 5		39 0 0															
			1 Blacksmith		5 0 0	476 0 0														
			2 Sweepers, at 5		10 0 0	180 0 0														
			Measurement Allowance		768 13 4															
			Contingencies		301 10 8	3,226 0 0														
			Office Allowance		182 8 0	3,523 0 0														
			Stones		833 5 4	2,190 0 0														
			Measurers and Coolies		547 8 0	10,000 0 0														
			Total			6,570 0 0														
			Half Survey Party			1,12,648 0 0														
			1 Military Assistant		681 10 0															
			1 Sub-Assistant		150 0 0	8,179 8 0														
			6 Head Surveyors		380 0 0															

Revenue Survey and

10 Deputy do.	340 0 0																			
10 Do. do.	200 0 0																			
30 Amiens	360 0 0																			
30 Gunstabs	270 0 0																			
1 Manager	75 0 0																			
1 Head Writer and Computer	40 0 0																			
6 Writers and Computers	125 0 0																			
1 Head Draughtsman	60 0 0																			
10 Assistant do.	210 0 0																			
1 Duffadar	10 0 0																			
10 Peons, at 7	70 0 0																			
40 Measuring Peons	340 0 0																			
3 Mchhis	19 0 0																			
1 Blacksmith	6 0 0																			
1 Chucker	5 0 0																			
Measurement Allowance	384 6 8																			
Measurers and Coolies	476 0 8																			
Contingencies	100 0 0																			
Total	11,595 8 0																			
	50,425 0 0																			

ABSTRACT STATEMENT.

	Total of present Scale.	Total of proposed Scale.	Increase.	Decrease.	Remarks.
Superintendent	21,934 8 0	21,600 0 0	RS. A. P.	RS. A. P.	
Central Office, including Lithographic Establishment	35,232 0 0	47,180 0 0	11,888 0 0	334 8 0	
Deputy and Assistant Superintendents	1,51,669 1 0	1,35,900 0 0	15,769 1 0		
Five combined Survey Parties, exclusive of contingencies	*3,72,779 0 0	4,54,500 0 0	81,780 0 0		
Half Survey Party	† 50,425 0 0	53,945 8 0	3,520 8 0		
Half Demarcation	19,974 0 0	63,309 0 0	43,335 0 0		
Contingencies, &c.	76,110 0 0	7,76,375 8 0	97,148 8 0	48,887 9 0	
Total	7,28,114 9 0	7,76,375 8 0	97,148 8 0	48,887 9 0	

† Inclusive of Rs. 3,079½ Regimental Allowance not taken credit to former scale.
‡ Is caused by providing 1 First and 1 Second Assistant at the new Civil scale, instead of 2 Military First Assistant on Rs. 681.10.0.

REVENUE SURVEY OFFICE,
OOTACAMUND,
6th June 1876.

* Five Survey and two Demarcation Parties.
Net excess Rs. 48,260.15.0.

(Signed) F. J. B. PRIESTLEY, Colonel,
Superintendent, Revenue Survey.

Enclosure to
letter No. 3331 of
131
31st October 1876

Rw 4676/1

7-2-77-4-842

No. 3331
131

Revenue Survey Office,

Chennai.

31st October 1876.

Read the following letter

From

The Superintendent Revenue Survey,

To

The Secretary to Government
Revenue Department

SIR,

As directed in G. O. 2nd October 1876,
I have the honour to submit a revised
scale for the reorganisation of the Madras
Revenue Survey with alterations which
will bring the total of the estimate
within the sum of Rs 7,28,000 estimated
by the Madras Government to have
been approximately the annual cost of
the Department hitherto. See Para 9 of
letter to the Secretary to the Government
of India No 941 of 14th July 1876.

2. The cost of the Department
according to the estimate which accom-
panied the above letter would have
been Rs 7,79,000 involving an increased
expenditure of about Rs 51,000. See Para 10.

3. In the estimate however as stated

in Para 7 no allowance was made for the increased rate of pay to Civil Deputy Superintendents for the additional allowance to Military Assistants on account of the excess of Military allowances drawn under the operation of the Financial Memorandum of 15th October 1872 for the Travelling allowances of the Superintendent and of the Deputy and Assistant Superintendents according to Bengal rates mentioned in Para 7.

The estimate provided for five combined Survey and demarcation parties and half a Survey party against five and a half Survey parties and two and a half demarcation parties (the present sanctioned establishments).

4. In the present scale for a combined Survey party all these charges have been included. The present estimate allows for five combined Survey and demarcation parties at Rs 1,01,980 (one lac — one thousand nine hundred and eighty) ^{per party} ^{combined parties} ^{Rs} 1,67,563 ^{officers} ^{3,50,000} ^{central office} 50,13 ^{77.59}. The estimate for the central office has not been altered. The pressure on the central office is so great that the sum set apart for it will barely suffice to meet its

its requirements.

5. In Para 40 of the letter to the Government of India, it was stated that the Revenue Survey proper would take 3 1/4 years to complete. The reduction of the half survey party will not materially affect that estimate as it was proposed in Para 41 that the half survey party in Ganyam should be constituted a topographical party at the close of the year.

6. The increased rate of pay to Civil Deputy Superintendents 1st class raises the average pay of Deputy Superintendent from 940 Rs to 980 Rs. In consequence of charges on account of excess of Military allowance having been included & a Military 2nd Assistant included in the grade, the average pay of 1st Assistant is Rs 919-8-8 against Rs 900 and that of 2nd Assistant Rs 533-2-11 against Rs 425.

7. I enclose a list of officers as they at present stand with the rates of pay to which they will be entitled under the present estimate.

The Establishment will consist

of 18 officers.

1. Superintendent

5 Deputy Superintendents

5-1st Assistant Superintendents

5-2^d Assistant Superintendents

Of the 19 officers now on the books of the Revenue Survey, three are absent on sick leave and one is attached to the Coorg Survey. It is not probable that all the officers of the Revenue Survey will be present in India at the same time.

I have the honour to be
Sir

Your Most Obedt. Servant

A. R. S. Colonel
Superintendent Rev Survey

5/18

Revenue Memo

Letter from the Secy.

31st October 1876 No 3331
131

In accordance with the
suggestion of the Gov. of India
Col. Huxley submits a
scheme. The total cost
of which will wholly
fall within the limit
fixed by the Revenue
Gov. - the present sanction
amounting is round
numbers to 7,27,000 Rs

If Col. Huxley's scheme is approved, it
is submitted, that in
forwarding it for the
favourable consideration of
the Gov. of India, that Gov.
may be asked, should they
approve the scheme to

Revenue Memo 1876 No 3331
from the Secy. to Govt.

To
The Secretary to Govt.
Bombay.

Dated 31st Oct

Refd 6th October 76
Rev 2 6th October 76

No 3331

Enclosure 4

No 27-2-77 N. 822
Subject

Submits a revised scale
for the reorganization
of the Madras Contingent,
which will bring the
estimate within the
amount forth as the
approximate cost of the
Contingent.

N^o 825

4.
after Mr. Loring & Mrs.
at the vicarage etc -

21800 - from the date
of his succeeding Mr.

Priority - 6th May last.

17
9.12.6

Rev. Mr. [unclear]
Resident [unclear]
[unclear]

N^o 4696/76

Antonia [unclear]

R.C. 1. Dec 1st 1876 R24: Nov
C-11: Nov 76 R20: Nov

26. Order thereon,

Read again 16. Dec. 76 N^o 402
Read letter for Mr. Rev.
Loring 31st Oct. 76

N^o 3331
131

his
N^o 8427 27-2-77
Order

His Grace in Council
the Govt. approves the
mixed scale submitted
by the Mr. of Rev. Loring,
which brings the cost
estimated cost of the
off., within the amount
of the existing sanction
& resolves to forward
the same to the Govt.
of India with a recommendation
that it be adopted.

His Grace in Council
in case the scheme submitted is approved
further action to be taken

Sanction for the payment of salary
to the Sup. at the usual
rate from the date.

Col. Priestly is a Trinitarian

6th Aug 1876.

Ordered that the following letter be despatched to the S.P.

to
26.2.77
H.S. No 843 of 27-2-77.

By
at receipt for it

- 13 To the Sup. & Revenue Survey of 14-2-77
- 3 " Asst General of 29-6-77.
- 5 " The Director of Public Works of 19 Dec 1877

Army Reorganization

Scheme

Order

Amendments

Colon