(1) Number of pages 58

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No. 503-W
B.P. No.

Press.
Mis.

Dated 6-3-1885

198

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6TH MARCH 1885, No. 503 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

503/1

General.
Establishment.

READ—the following papers :—

From Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 6th February 1885, No. 2214.

I have the honor to submit, for sanction, the accompanying application for an additional clerk, fourth class, second grade, required in the Kurnool Canal division office.

2. All the telegraph offices on the Kurnool canal are now open to the public. The cash accounts of these offices have to be audited once a week, and other telegraph accounts, as per licensed telegraph code, have to be rendered to the telegraph accounts check office at Calcutta.

3. The extra work thus involved cannot well be performed by the present establishment, which has already heavy work to get through.

Office note from the Examiner, Public Works Accounts, dated Madras, 17th February 1885, No. 828.

Checked and found correct. The mean pay of each appointment has been entered in column "average or fixed" instead of the financial value of each appointment as laid down in section 43 (*a*) of the Pay and Acting Allowance Code. The necessary correction has been made by this office.

2. The entries in column "present scale" show the sanctioned scale of establishment for the division office, also the scale of establishment sanctioned for subdivisional officers, detached officers and overseers.

ORDER—dated 6th March 1885, No. 503 W., Public Works.

The entertainment of an additional clerk, fourth class, second grade, in the office of the Executive Engineer, Kurnool Canal division, is sanctioned, as proposed by the Superintending Engineer.

2. This sanction has been registered as Provincial No. 89 W. of 1884-85, and classified as Establishment, Permanent.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated March, 6th.

Read. *Encl.*

G.O., 6th March 1885, No. 403 W.

MARCH.

Establishment

Entertainment of an additional permanent clerk, fourth class, second grade, for the office of the Executive Engineer, Kurnool Canal division, sanctioned.

503
2

APPENDICES.

APPENDIX A.

Distribution Statement of Reorganized Department Public Works, Madras.

Superintending Engineers' Circles.	Executive Divisions.	Sub-Divisions.	Establishment. Executive Engineers.	Assistant Engineers.	Upper Subordinates.
No. I ...	1. Ganjam ...	2	1	1	4
	2. Vizagapatam ...	2	1	1	4
	3. Eastern Godávari ...	3	1	2	7
	4. Western do. ...	2	1	3	7
	5. (A) Project Division ...	...	1	2	3
No. II ...	6. Eastern Kistna ...	3	1	3	6
	7. Western do. ...	2	1	2	7
	8. Nellore ...	2	1	1	7
	9. Sungam Project ...	2	1	2	6
No. III ...	10. Bellary	2	1	...	4
	11. Cuddapah	2	1	1	6
	12. Kurnool	1	1	1	4
	13. Madras Irrigation and Canal Company's Canal ...	2	1	2	6
	14. (C) Project Division ...	...	1	2	3
No. IV ...	15. West Coast	3	1	2	12
	16. Coimbatore	2	1	1	5
	17. Salem	...	1	...	5
	18. North Arcot	2	1	2	5
	19. (B) Project Division ...	...	1	1	4
No. V ...	20. South Arcot	1	1	1	5
	21. Chingleput	2	1	1	6
	22. Buckingham Canal ...	3	1	1	4
	23. Presidency and Bangalore ...	2	1	2	7
No. VI ...	24. Trichinopoly	2	1	2	8
	25. Tanjore	2	1	2	8
	26. Negapatam	2	1	2	7
	27. Madura	2	1	1	8
	28. Tinnevelly	2	1	2	7
Supt of Works ...	29. Consulting Architect ...	...	1	...	2
Chief Engr. for Irrigation.	30. (D) Project Division ...	...	1	...	...
	Secretariat	...	1	1	...
	Guaranteed Railways ...	...	1	2	18
	Supernumeraries ...	...	...	4	
	Totals ...	50	36	47	185

* Included two for Workshops.

APPENDIX B.

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, under sanction accorded in letter from the Government of India, No. 681 G., dated 5th May 1881.

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
	ENGINEER ESTABLISHMENT.										
	Chief Engineers.										
		Rs.			Rs.		Rs.		Rs.		
1	Chief Engineer, 1st Class.	2,500	1	Chief Engineer, 1st Class.	2,500	...	...	...	...		
1	Chief Engineer, 2nd Class.	2,000	1	Chief Engineer, 2nd Class.	2,000	...	...	...	...		
2	Chief Engineers ...	4,500	2	Chief Engineers ...	4,500	...	...	...	...		
	Superintending Engineers.										
3	Superintending Engineers, 1st Class, at 1,600.	4,800	3	A Superintending Engineers, 1st Class, at 1,600.	4,800	...	...	...	...	A Includes the appointment of the Consulting Engineer for Guaranteed Railways, which is at present held by Colonel Shaw-Stewart, R.E., Chief Engineer, 3rd Class.	
1	Superintending Engineer, 2nd Class.	1,350	2	Superintending Engineers, 2nd Class, at 1,350.	2,700	1	1,350	...	...	The number (7) of Superintending Engineers suggested by the Government of India in letter No. 681 G., dated 5th May 1881, paragraph 5, has been divided into the scale of 3, 2 and 2, with reference to paragraph 66, Chapter I., Madras P. W. D. Code.	
1	Superintending Engineer, 3rd Class.	1,100	2	Superintending Engineers, 3rd Class, at 1,100.	2,200	1	1,100	...	...		
5	Superintending Engineers.	7,250	7	Superintending Engineers.	9,700	2	2,450	...	...		

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.—*cont.*

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				EXECUTIVE ENGINEERS.							
		Rs.			Rs.		Rs.		Rs.		
7	Executive Engineers, 1st Grade, at 950.	6,650	10	Executive Engineers, 1st Grade, at 950.	9,500	3	2,850	...	...		B Includes the two Deputy Consulting Engineers and one Superintendent of Works. In Government of India letter, No. 681 G., dated 5th May 1881, quoted above, the scale proposed for Executive Engineers is 9, 10, 10, 3 = 32; to this has been added the four additional Executive Engineers, viz: For Madras Irrigation and Canal Company ... ... 1 For Sungum Project ... 1 Omission from the scale submitted by Madras Government to Government of India, in not putting down the proper number of Executive Engineers. For 10 per cent. required to take the place of absentees, only 1 being given instead of 3. 2 Total ... 4
8	Executive Engineers, 2nd Grade, at 800.	6,400	11	Executive Engineers, 2nd Grade, at 800.	8,800	3	2,400	...	...		
7	Executive Engineers, 3rd Grade, at 650.	4,550	11	Executive Engineers, 3rd Grade, at 650.	7,150	4	2,600	...	...		
4	Executive Engineers, 4th Grade, at 550.	2,200	4	Executive Engineers, 4th Grade, at 550.	2,200	...	...	...	...		
B 26	Executive Engineers ...	19,800	B 36	Executive Engineers ...	27,650	10	7,850	...	...		
				ASSISTANT ENGINEERS.							
20	Assistant Engineers, 1st Grade, at 450.	9,000	26	Assistant Engineers, 1st Grade, at 450.	11,700	6	2,700	...	...		To the scale of 24 and 19 = 43, suggested by the Government of India, in letter No. 681 G., quoted above, has been added 2 and 2 = 4, viz: For Madras Irrigation and Canal Company ... ... 2 For Sungum Project ... 2 Total ... 4
16	Assistant Engineers, 2nd and 3rd Grades, at 350 and 250.	5,400	21	Assistant Engineers, 2nd and 3rd Grades.	7,050	5	1,650	...	...		
36	Assistant Engineers ...	14,400	47	Assistant Engineers ...	18,750	11	4,350	...	...		
69	Total Engineer Establishment.	45,950	92	Total Engineer Establishment.	60,600	23	14,650	...	...		The 21 Assistant Engineers of the 2nd and 3rd Grades, now proposed, have been divided into 18, 2nd Grades, and 3, 3rd Grades.
				UPPER SUBORDINATE ESTABLISHMENT.							
				SUB-ENGINEERS.							
5	Sub-Engineers, 1st Grade, at Rs. 400.	2,000	9	Sub-Engineers, 1st Grade, at 400.	3,600	4	1,600	...	...		
4	Sub-Engineers, 2nd Grade, at Rs. 300.	1,200	9	Sub-Engineers, 2nd Grade, at 300.	2,700	5	1,500	...	...		
9	Sub-Engineers, 3rd Grade, at Rs. 250.	2,250	17	Sub-Engineers, 3rd Grade, at 250.	4,250	8	2,000	...	...		
18	Sub-Engineers	5,450	35	Sub-Engineers	10,550	17	5,100	...	...		
				SUPERVISORS.							
14	Supervisors, 1st Grade, at 200.	2,800	22	Supervisors, 1st Grade, at 200.	4,400	8	1,600	...	...		
22	Supervisors, 2nd Grade, at Rs. 150.	3,300	36	Supervisors, 2nd Grade, at 150.	5,400	14	2,100	...	...		
36	Supervisors	6,100	58	Supervisors	9,800	22	3,700	...	...		

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.,—cont.

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				OVERSEERS.							
		Rs.			Rs.		Rs.		Rs.		
32	Overseers, 1st Grade, at 100.	3,200	28	Overseers, 1st Grade, at 100.	2,800	...	...	4	400		The distribution into 1st, 2nd, and 3rd Grades of the 92 Overseers has been made as follows:— 1st Grade $\frac{1}{3}$ of total No. of Overseers ... ... 28 2nd Grade $\frac{1}{3}$ of total No. of Overseers ... ... 28 3rd Grade $\frac{1}{3}$ of total No. of Overseers or remainder ... 36 Total ... 92
32	Overseers, 2nd Grade, at Rs. 80.	2,560	28	Overseers, 2nd Grade, at Rs. 80.	2,240	...	...	4	320		
42	Overseers, 3rd Grade, at Rs. 60.	2,520	36	Overseers, 3rd Grade, at Rs. 60.	2,160	...	...	6	360		
106	Overseers	8,280	92	Overseers	7,200	...	...	14	1,080		
160	Total Upper Subordinate Establishment.	19,830	185	Total Upper Subordinate Establishment.	27,550	39	8,800	14	1,080	Net increase Rs. 7,720.	The total number 185 of Upper Subordinates has been divided amongst the several grades in accordance with Code proportions—*vide* Government of India, P.W.D. Code, Chap. I, paragraphs 51 to 54, as amended by S.O. No. 110 of 2nd Feb. 1881. See also Government of India Resolution No. 1789 G., dated 15th October, 1880.
				SURVEYORS RANKING AS UPPER SUBORDINATES.							
...	.....	...	4	Surveyors, at 200 ...	800	4	800	...	...		These Surveyors have been provided for the four Project Divisions which are to be formed for the preparation of projects for famine relief works, &c.—*vide* paragraph 7 of Government of India letter, No. 681 G., dated 5th May 1881. Amounts noted as pay include travelling allowances.
...	.....	...	4	Do. at 150 ...	600	4	600	...	...		
...	.....	...	4	Do. at 100 ...	400	4	400	...	...		
...	.....	...	4	Do. at 80 ...	320	4	320	...	...		
...	Surveyors	...	16	Surveyors ...	2,120	16	2,120	...	...		
160	Grand Total Upper Subordinates.	19,830	201	Grand Total Upper Subordinates.	29,670	55	10,920	14	1,080		

LOWER SUBORDINATE ESTABLISHMENT.

5	Sub-Overseers, 1st Grade, at 60.	300	5	Sub-Overseers, 1st Grade, at 60.	300	...	...	...	...		The numbers and amounts entered in column "Present Scale" represent the Establishment of the Trichinopoly, Kurnool and Vizagapatam Districts at the close of last official year 1880-81. Since then the Local Fund works and establishment of the Vizagapatam District have been transferred to Local Fund Boards. The numbers 5 and 14 shown in column "Proposed Scale" represent the actual existing Lower Subordinate Establishment in Trichinopoly and Kurnool Districts.
...	Sub-Overseers, 2nd Grade.	...	...	Sub-Overseers, 2nd Grade.	...	...	...	...	...		
15	Sub-Overseers, 3rd Grade, at Rs. 20.	300	14	Sub-Overseers, 3rd Grade, at Rs 20.	280	...	...	1	20		
20	Total Lower Subordinate Establishment.	600	19	Total Lower Subordinate Establishment.	580	...	...	1	20		

PETTY ESTABLISHMENT.

STORE-KEEPERS.

4	Store-keepers, at 30 ...	120	4	Store-keepers, at 30 ...	120	...	...	...	...		The numbers entered in the column "Present Scale" are those for which provision was made in the Provincial Budget for 1881-82 (G.O., No. 1204 W., dated 20th May 1880). To these numbers have been added 5 additional Store-keepers for the 5 new Divisions, the grading of each being given with reference to the classification of the new Divisions.
6	Do. at 25 ...	150	7	Do. at 25 ...	175	1	25	...	...		
7	Do. at 20 ...	140	8	Do. at 20 ...	160	1	20	...	...		
3	Do. at 15 ...	45	6	Do. at 15 ...	90	3	45	...	...		
20		455	25		545	5	90	...	...		

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.—cont.

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				MEDICAL ESTABLISHMENT							
		Rs.			Rs.		Rs.		Rs.		
1	Assistant Apothecary ...	62½	1	Assistant Apothecary ...	62½	...	...	...	...		The amounts entered in columns "Present" and "Proposed Scale" represent contributions by the Public Works Department for the pay of the Medical Establishment at Beyvada, Dowlaishweram and Vizagapatam—*vide* G.Os., Nos. 1346 W., 1382 W., 1935 W., dated 8th and 14th June 1880 and 12th August 1880.
4	Hospital Assistants with Jeypore allowance for one at Rs. 25 per mensem. 1 at 60=60 1 at 40=40 2 at 25=50		4	Hospital Assistants with Jeypore allowance for one at Rs. 25 per mensem. 1 at 60=60 1 at 40=40 2 at 25=50							
	Jeypore allowance Rs. 25.	175		Jeypore allowance Rs. 25	175	...	...	...	...		
11	Lascars, Toties, Cook, &c., of the Medical Establishment. 1 at 7 = 7 3 at 6 =18 1 at 4 = 4 1 at 3½ = 3½ 4 at 2½ =10		11	Lascars, Toties, Cook, &c., of the Medical Establishment. 1 at 7 = 7 3 at 6 =18 1 at 4 = 4 1 at 3½ = 3½ 4 at 2½ =10							
	1 at 2 = 2	44½		1 at 2 = 2	44½	...	...	...	...		
1	Gumastah	5	1	Gumastah	5	...	...	...	...		
17		287	17		287	...	...	...	...		
1	Maistry	40	1	Maistry	40	...	...	...	...		For the Cuddapah Division, specially sanctioned by G.O., No 1882 W., dated 7th August 1880.
410	Lascars, at 6	2,460	495	Lascars at 6	2,970	85	510	...	...		The number (495) entered in the column "Proposed Scale" has been arrived at as follows:— 6 Superintending Engineers' Offices at 4 each ... 27 24 Divisions at 3 each ... 24 1 Consulting Architect ... 2 50 Sub-Divisions at 3 each ... 150 182 Detached officers viz., 6 Assistant Engineers, 84 Sub-Engineers and Supervisors, and 92 Overseers, at 1 each. 182 Buckingham Canal Division—*vide* G.O., No. 1081, dated 25th April 1881 ... ... 5 Public Works Stores ... 12 Examiner's Office ... ... 3 Total ... 450 Add 10 per cent. for Contingencies ... ... 45 Total ... 495
448	Total Petty Establishment.	3,242	538	Total Petty Establishment.	[illegible]	90	600	...	...		
				OFFICE ESTABLISHMENT.							
				FOR CHIEF ENGINEER AND SECRETARY TO GOVERNMENT, PUBLIC WORKS DEPARTMENT.							
1	Chief Assistant ...	600	1	Chief Assistant ...	600	...	...	...	...		
1	Second Assistant ...	300	1	Second Assistant ...	300	...	...	...	...		
1	Clerk, I Class, 3rd Grade.	225	1	Clerk, I Class, 3rd Grade.	225	...	...	...	...		
2	Clerks, II Class, 2nd Grade, at 140.	280	2	Clerks, II Class, 2nd Grade, at 140.	280	...	...	...	...		
1	Clerk, II Class, 3rd Grade.	110	1	Clerk, II Class, 3rd Grade.	110	...	...	...	...		
5	Clerks, III Class, 2nd Grade, at 70.	350	5	Clerks, III Class, 2nd Grade, at 70.	350	...	...	...	...		
3	Clerks, III Class, 3rd Grade, at 55.	165	3	Clerks, III Class, 3rd Grade, at 55.	165	...	...	...	...		
1	Clerk, IV Class, 1st Grade.	45	1	Clerk, IV Class, 1st Grade.	45	...	...	...	...		
2	Clerks, IV Class, 2nd Grade, at 35.	70	2	Clerks, IV Class, 2nd Grade, at 35.	70	...	...	...	...		
1	Clerk, IV Class, 3rd Grade.	25	1	Clerk, IV Class, 3rd Grade.	25	...	...	...	...		
18		2,170	18		2,170	...	...	...	...		
2	Draughtsmen, 1st Class, at 60.	120	2	Draughtsmen, 1st Class, at 60.	120	...	...	...	...		
1	Draughtsman, 2nd Class.	42½	1	Draughtsman, 2nd Class.	42½	...	...	...	...		
3		162½	3		162½	...	...	...	...		

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				OFFICE ESTABLISHMENT—*cont.*							
				For Chief Engineer and Secretary to Government, Public Works Department—*cont.*							
		Rs.			Rs.		Rs.		Rs.		
2	Muchis, at 13 and 14 ...	27	2	Muchis, at 13 and 14 ...	27	...	...	...	...		
2	Head Messengers, at 9 and 12.	21	2	Head Messengers, at 9 and 12.	21	...	...	...	...		
7	Messengers, 3 at 7 and 4 at 8.	53	7	Messengers, 3 at 7 and 4 at 8.	53	...	...	...	...		
11		101	11		101	...	...	...	..		
32	Total P. W. Secretariat Office Establishment.	2,433½	32	Total P. W. Secretariat Office Establishment.	2,433½	...	...	...	...		
				Lithographic Establishment.							
1	Superintendent ...	250	1	Superintendent ...	250	...	...	...	...		
1	Head Draughtsman ...	120	1	Head Draughtsman ...	120	...	...	...	...		
1	2nd do. ...	100	1	2nd do. ...	100	...	...	...	...		
1	3rd do. ...	80	1	3rd do. ...	80	...	...	...	...		
1	4th do. ...	60	1	4th do. ...	60	...	...	...	...		
1	5th do. ...	40	1	5th do. ...	40	...	...	...	...		
1	6th do. ...	30	1	6th do. ...	30	...	...	...	...		
1	7th do. ...	25	1	7th do. ...	25	...	...	...	...		
1	8th do. ...	20	1	8th do. ...	20	...	...	...	...		
1	9th do. ...	15	1	9th do. ...	15	...	...	...	...		
1	10th do. ...	10	1	10th do. ...	10	...	...	...	...		
1	Tracer & Record-keeper.	25	1	Tracer & Record-keeper.	25	...	...	...	...		
1	Tracer and Muchi ...	16	1	Tracer and Muchi ...	16	...	...	...	...		
1	Head Printer ...	20	1	Head Printer ...	20	...	..	..	...		
1	2nd do. ...	12	1	2nd do. ...	12	...	...	...	...		
1	3rd Do.	12	1	3rd Do.	12	...	...	...	...		
2	Pressmen, at 9	18	2	Pressmen, at 9	18	...	...	...	...		
6	Do. at 8	48	6	Do. at 8	48	...	...	...	...		
2	Do. at 7	14	2	Do. at 7	14	...	...	...	...		
2	Do. at 5	10	2	Do. at 5	10	...	...	...	...		
28	Total Lithographic Establishment.	925	28	Total Lithographic Establishment.	925	...	...	..	...		
				For Chief Engineer and Joint Secretary to Government, Irrigation Branch.							
1	Clerk, I Class, 3rd Grade.	225	1	Clerk, I Class, 3rd Grade.	225	...	...	...	...		
1	Do. II do. 2nd do. ...	140	1	Do. II do. 2nd do	140	...	...	...	...		
1	Do. II do. 3rd do. ...	110	1	Do. II do. 3rd do. ...		...	...	...	...		
1	Do. III do. 1st do. ...	90	1	Do. III do. 1st do. ...	90	...	...	...	...		
1	Do. III do. 2nd do. ...	70	1	Do. III do. 2nd do. ...	70	...	...	...	...		
1	Do. III do. 3rd do. ...	55	1	Do. III do. 3rd do. ...	55	...	...	...	...		
2	Do. IV do. 1st do. at 45.	90	2	Do. IV do. 1st do. at 45.	90	...	...	..	...		
3	Do. IV do. 2nd do. at 35.	105	3	Do. IV do. 2nd do. at 35.	105	...	...	...	...		
1	Do. IV do. 3rd do. ...	25	1	Do. IV do. 3rd do. ...	25	...	...	...	...		
12		910	12		910	...	...	...	...		
1	Draughtsman, 1st Class,	60	1	Draughtsman, 1st Class,	60	...	...	...	...		
2	Do. 2nd do, at 42-8-0.	85	2	Do. 2nd do., at 42-8-0.	85	...	...	...	...		
3		145	3		145	...	...	...	...		
2	Draughtsmen, 3rd Class, at 25.	50	2	Draughtsmen, 3rd Class, at 25	50	...	...	...	...		
5		195	5		195	...	...	...	...		
1	Reference Picker ...	10	1	Reference Picker ...	10	...	...	...	...		
1	Muchi	10	1	Muchi	10	...	...	...	...		
1	Head Messenger ...	8	1	Head Messenger ...	8	...	...	...	...		

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.—cont.

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				OFFICE ESTABLISHMENT.—*cont.*							
				For Chief Engineer and Joint Secretary to Government, Irrigation Branch.—*cont.*							
		Rs.			Rs.		Rs.		Rs.		
2	Messengers, at 7 ...	14	2	Messengers, at 7 ...	14	...	...	...	...		
2	Do. at 6 ...	12	2	Do. at 6 ...	12	...	...	...	...		
3	Lascars, at 7 ...	21	3	Lascars, at 7 ...	21	...	...	...	...		
10		75	10		75	...	...	...	...		
27	Total Office Establishment for Chief Engineer for Irrigation.	1,180	27	Total Office Establishment for Chief Engineer for Irrigation.	1,180	...	...	...	...		
				For Superintending Engineers.							
1	Clerk, II Class, 3rd grade.	110	1	Clerk, II Class, 3rd Grade.	110	...	...	...	...	The one additional Clerk, IV Class, 3rd Grade, provided for in current year's (1881-82) Budget for each Superintending Engineer's Office has been added in the column "Proposed Scale," and allowed for the three additional Superintending Engineers' Offices also.	
1	Do. III do. 2nd do.	70	1	Do. III do. 2nd do.	70	...	...	...	...		
1	Do. IV do. 1st do.	45	1	Do. IV do. 1st do.	45	...	...	...	...		
1	Do. IV do. 2nd do.	35	1	Do. IV do. 2nd do.	35	...	...	...	...		
1	Do. IV do. 3rd do.	25	2	Do. IV do. 3rd do.	50	1	25	...	...		
1	Draughtsman, 1st Class.	60	1	Draughtsman, 1st Class.	60	...	...	...	...		
1	Do. 2nd do.	42½	1	Do. 2nd do.	42½	...	...	...	...		
1	Messenger, at 8 ...	8	1	Messenger, at 8	8	...	...	...	...		
3	Do. at 6 ...	18	3	Do. at 6	18	...	...	...	...		
11		413½	12		438½	1	25	...	...		
22	Add similar establishment for two more Superintending Engineers.	827	24	Add similar establishment for two more Superintending Engineers.	877	2	50	...	...		
			36	Add similar establishment for three additional Superintending Engineers' Offices.	1,315½	36	1,315½	...	...		
33	Total Office Establishment of Superintending Engineers	1,240½	72	Total Office Establishment of Superintending Engineers.	2,631	39	1,390½	...	...		
				For Presidency Division.							
1	Clerk, III Class 2nd Grade.	70	1	Clerk, III Class, 2nd Grade.	70	..	...	...	...	The numbers and amounts shown in column "Present Scale" represent the scale for a 1st-Class Division as laid down in Appendix C, No. 5, to G.O., No. 3674 W., dated 18th September 1878. To these have been added the additional establishment provided in the Provincial Budget for the current year 1881-82, and the totals thus obtained have been shown in the column "Proposed Scale."	
1	Do. IV do. 1st do ...	45	1	Do. IV do. 1st do.	45	...	...	...	...		
1	Do. IV do. 2nd do ...	35	2	Do. IV do. 2nd do. at 35.	70	1	35	...	...		
1	Do. IV do. 3rd do ...	25	3	Do. IV do. 3rd do. at 25.	75	2	50	...	...		
	Do. V do. 1st do ...	...	2	Do. V do. 1st do. at 17½.	35	2	35	...	...		
1	Draughtsman, 1st Class.	60	1	Draughtsman, 1st Class.	...		...	...	...		
	Do. 2nd do ...	...	1	Do. 2nd do.	42½	1	42½	...	...		
1	Do. 3rd do ...	25	3	Do. 3rd do. at 25.	75	2	50	...	...		
1	Messenger, at 7 ...	7	1	Messenger, at 7 ...	7	...	...	...	...		
1	Do. at 6 ...	6	1	Do. at 6	6	...	...	...	...		
8	Total Office Establishment, Presidency Division.	273	16	Total Office Establishment, Presidency Division.	485½	8	212½	...	...		
				For Godavari Easteln and Kistna Eastern Divisions.							
1	Clerk, III Class, 2nd Grade.	70	1	Clerk, III Class, 2nd Grade.	70	...	...	...	...	The above remark applies equally to this Establishment.	
1	Do. IV do. 1st do.	45	1	Do. IV do. 1st do.	45	...	...	...	...		
1	Do. IV do 2nd do.	35	1	Do. IV do. 2nd do.	35	..	...	...	...		
1	Do. IV do. 3rd do.	25	3	Do. IV do. 3rd do. at 25.	75	2	50	...	...		
1	Draughtsman, 1st Class.	60	1	Draughtsman, 1st Class.	60	...	...	...	...		
1	Do. 3rd do.	25	1	Do. 3rd do.	25	...	...	...	...		
1	Messenger, at 7 ...	7	1	Messenger at 7 ...	7	...	...	...	...		
1	Do. at 6 ...	6	1	Do. at 6 ...	6	...	...	...	...		
8		273	10		323	2	50	...	...		

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c..—cont.

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				OFFICE ESTABLISHMENT—cont.							
				For Godavari Eastern and Kistna Eastern Divisions.—*cont.*							
		Rs.			Rs.		Rs.		Rs.		
8	Add similar establishment for one more Office.	273	10		323	2	50	...	...		
16	Total Office Establishment, Godávari Eastern and Kistna Eastern Divisions.	546	20		646	4	100	...	...		
				For 7 * 1st-Class Divisions.							
1	Clerk, III Class, 2nd Grade.	70	1	Clerk, III Class, 2nd Grade.	70	...	...	...	...	...	The foregoing remark applies equally to this Establishment. To the existing number (6) excluding Godávari Eastern and Kistna Eastern, of 1st-Class Executive Divisions, has been added the "Madras Irrigation and Canal" Division, which has also been ranked as 1st-Class.
1	Do. IV do. 1st do.	45	1	Do. IV do. 1st do.	45	...	...	..	...		
1	Do. IV do. 2nd do.	35	1	Do. IV do. 2nd do.	35	...	...	...	...		
1	Do. IV do. 3rd do.	25	2	Do. IV do. 3rd do. at 25.	50	1	25	...	...		
1	Draughtsman, 1st Class.	60	1	Draughtsman, 1st Class.	60	...	...	...	...		
1	Do. 3rd do.	25	1	Do. 3rd do.	25	...	...	...	...		
1	Messenger, at 7 ...	7	1	Messenger at 7 ...	7	...	..	...	...		
1	Do. at 6 ...	6	1	Do. at 6 ...	6	...	..	...	...		
8		273	9		298	1	25	...	...		
40	Add similar establishment for five more 1st-Class Divisions.	1,365	45	Add similar Establishment for five more 1st-Class Divisions.	1,490	5	125	...	...		
			9	Add similar establishment for one additional office (Madras Irrigation and Canal).	298	9	298	...	...		
48	Total Office Establishment 6, 1st-Class Divisions.	1,638	63	Total Office establishment for 7, 1st-Class Divisions.	2,086	15	448	...	...		

* 1. Godávari Western. 2. Kistna Western. 3. Madras Irrigation and Canal. 4. South Arcot. 5. Buckingham Canal. 6. Tanjore. 7. Tinnevelly.

				For 9 2nd-Class Divisions.*							
1	Clerk, III Class, 2nd Grade.	70	1	Clerk, III Class, 2nd Grade.	70	...	...	...	...		The Establishment for 2nd-Class Executive Divisions remains in accordance with the scale laid down in Appendix C., No. 6, to G.O., No. 3674 W., dated 18th September 1878, no additional Establishment having been provided in current year's Budget. To the existing number (8) of 2nd-Class Divisions has been added the "Sungum Project Division," which has also been ranked as 2nd Class.
1	Clerk, IV Class, 2nd Grade.	35	1	Clerk, IV Class, 2nd Grade.	35	...	...	...	...		
2	Clerks, IV Class, 3rd Grade, at 25.	50	2	Clerks, IV Class, 3rd Grade, at 25.	50	...	...	...	...		
1	Draughtsman, 1st Class.	60	1	Draughtsman, 1st Class.	60	...	...	...	...		
1	Do. 3rd do.	25	1	Do. 3rd do.	25	...	...	...	...		
1	Messenger, at 7 ...	7	1	Messenger, at 7 ...	7	...	...	...	...		
1	Do. at 6 ...	6	1	Do. at 6 ...	6	...	...	...	...		
8		253	8		253	...	...	...	...		
56	Add similar Establishment for 7 more 2nd-Class Divisions.	1,771	56	Add similar Establishment for 7 more 2nd-Class Divisions.	1,771	...	...	...	...		
			8	Add similar Establishment for one 2nd-Class additional division (Sungum Project Division).	253	8	253	...	...		
64	Total Office Establishment for 8 2nd-Class Divisions.	2,024	72	Total Office Establishment for 9 2nd-Class Divisions.	2,277	8	253	...	...		

* 1. Nellore. 2. Cuddapah. 3. West Coast. 4. Coimbatore. 5. North Arcot. 6. Chingleput. 7. Trichinopoly. 8. Negapatam. 9. Sungum Project Division.

				For 5 3rd-Class Divisions.†							
1	Clerk, III Class, 3rd Grade.	55	1	Clerk, III Class, 3rd Grade.	55	...	...	...	...		The Establishment for the 3rd-Class Divisions also remains in accordance with the scale laid down in Appendix C., No. 7, to G.O., No. 3674 W., dated 18th September 1878. To the existing number (2) of 3rd-Class Divisions have been added the following three new Divisions, which have been ranked as 3rd Class :— Ganjam, Bellary, Madura.
1	Clerk, IV Class, 2nd Grade.	35	1	Clerk, IV Class, 2nd Grade.	35	...	...	...	...		
2	Clerks, IV Class, 3rd Grade, at 25.	50	2	Clerks, IV Class, 3rd Grade, at 25.	50	...	...	...	...		
1	Draughtsman, 2nd Class.	42½	1	Draughtsman, 2nd Class.	42½	...	...	...	...		
1	Do. 3rd do.	25	1	Do. 3rd do.	25	...	...	...	...		
1	Messenger, at 7 ...	7	1	Messenger, at 7 ...	7	...	...	...	...		
1	Do. at 6 ...	6	1	Do. at 6 ...	6	...	...	...	...		
8		220½	8		220½	...	...	...	...		

† 1. Ganjam. 2. Vizagapatam. 3. Bellary. 4. Salem. 5. Madura.

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.—*cont.*

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				OFFICE ESTABLISHMENT—*cont.*							
				For 5 3rd-Class Divisions—*cont.*							
		Rs.			Rs.		Rs.		Rs.		
8	Add similar Establishment for one more 3rd-Class Office.	220½	8	Add similar Establishment for one more 3rd-Class Office.	220½	...	...	...	...		
			24	Add similar Establishment for 3 additional 3rd-Class Division Officers.	661½	24	661½	...	...		
16	Total Office Establishment for 2 3rd-Class Divisions.	441	40	Total Office Establishment for 5 3rd-Class Divisions.	1,102½	24	661½	...	...		
				For the Consulting Architect.							
1	Clerk, IV Class, 1st Grade.	45	1	Clerk, IV Class, 1st Grade.	45	...	...	...	...		
1	Draughtsman and Estimator.	145	1	Draughtsman and Estimator.	145	...	...	...	...		
1	Draughtsman, 2nd Class	42½	1	Draughtsman, 2nd Class.	42½	...	...	...	...		
1	Do. 3rd do.	25	1	Do. 3rd do.	25	...	...	...	...		
1	Messenger, at 7 ...	7	1	Messenger, at 7 ...	7	...	...	...	...		
1	Do. at 6 ...	6	1	Do. at 6 ...	6	...	...	...	...		
6	Total Office Establishment of Consulting Architect.	270½	6	Total Office Establishment of Consulting Architect.	270½	...	...	...	...		
				For Public Works Stores.							
1	Clerk, II Class, 2nd Grade	140	1	Clerk, II Class, 2nd Grade	140	...	...	...	...		
1	Clerk, III Class, 2nd Grade.	70	1	Clerk, III Class, 2nd Grade.	70	...	...	...	...		
1	Clerk, IV Class, 2nd Grade.	35	1	Clerk, IV Class, 2nd Grade.	35	...	...	...	...		
1	Clerk, IV Class, 3rd Grade.	25	1	Clerk, IV Class, 3rd Grade.	25	...	...	...	...		
1	Messenger	8	1	Messenger	8	...	...	...	...		
2	Do. at 7	14	2	Do. at 7 ...	14	...	...	...	...		
2	Do. at 6½ ...	13	2	Do. at 6½ ...	13	...	...	...	...		
9	Total Office Establishments.	305	9	Total Office Establishment, P. W. Stores.	305	...	...	...	...		
				Office Establishment for 2 Superintendents of Works (Godavari and Kistna).							
1	Clerk, III Class, 2nd Grade.	70								The offices close under the new arrangements and therefore no provision for it has been made.	
1	Clerk, IV Class, 1st Grade.	45									
1	Clerk, IV Class, 2nd Grade.	35									
1	Clerk, IV Class, 3rd Grade.	25									
1	Draughtsman, 1st Class.	60									
1	Do. 3rd do.	25									
1	Messenger, at 7 ...	7									
1	Do. at 6 ...	6		*Nil.*							
8		273									
8	Add similar Establishment for one more Superintendent of Works office.	273									
16		546			...	...	...	16	546		
				For the 4 new Project Divisions.							
	Nil.		2	Draughtsmen, 1st Class, at 60.	120	2	120	...	...		
			2	Draughtsmen, 2nd Class, at 42½.	85	2	85	...	...		

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.—*cont.*

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				OFFICE ESTABLISHMENT—*cont.*							
				For the 4 New Project Divisions—*cont.*							
		Rs.	1	Clerk, IV Class, 2nd Grade.	Rs. 35	1	Rs. 35	...	Rs. ...		
			1	Clerk, V Class, 1st Grade.	17½	1	17½	...	...		
			1	Messenger, at 7 ...	7	1	7	...	...		
			1	Do. at 6 ...	6	1	6	...	...		
	Nil.		8	Total for each office ...	270½	8	270½	...	...		
			24	Add similar Establishments for 3 more such offices.	811½	24	811½	...	...		
			32	Total Office Establishment, Project Divisions.	1,082	32	1,082	...	...		
				For 50 Sub-Divisional Offices.							
1	Clerk, IV Class, 3rd Grade.	25	1	Clerk, IV Class, 3rd Grade.	25	...	...	...	...	To the existing number (40) of Sub-Divisions have been added the 10 additional Sub-Divisions as follows:—	
1	Messenger	6	1	Messenger	6	...	...	...	...	For Sungum Project ... 2	
2	Total for one office ...	31	2	Total for one office ...	31	...	...	...	...	„ Madras Irrigation and Canal ... 2	
78	Add similar Establishment for 39 more Sub-Division Offices.	1,209	78	Add similar Establishment for 39 more Sub-Division Offices.	1,209		...	...	...	„ Ganjam 2	
			20	Add similar Establishment for 10 additional offices.	310	20	310	...	...	„ Bellary 2	
										„ Madura 2	
										Total ... 10	
80	Total Sub-Divisional Office Establishment.	1,240	100	Total Sub-Divisional Office Establishment.	1,550	20	310	...	...	And Office Establishment provided for each in accordance with the scale given in Appendix C., No. 10, to G.O., No. 3674 W., dated 18th September 1878.	
				For 88 Detached Officers.							
1	Clerk' Apprentice, 1st Grade, now called 5th Class, 1st Grade.	17½	1	Clerk, IV Class, 3rd Grade.	25		7½	...	...		
39	Add similar Establishment for 39 more detached officers (Upper Subordinates above the grade of Overseer).	975	39	Add similar Establishment for 39 more detached Officers.	975		292½	...	...		
			48	Add similar Establishment for 48 additional detached officers, viz., Officers and Upper Subordinates above the rank of Overseer who are not in charge of Sub-Divisions.	1,200	48	1,200	...	...		
40	Total Office Establishment, detached Officers.	700	88	Total Office Establishment, detached Officers.	2,200	48	1,500	...	...		
				For 92 Overseers.							
	Nil.		1	Clerk, IV Class, 1st Grade.	17½	1	17½	...	...	A provision of one Clerk, V Class, 1st Grade, has been made for each Overseer.	
			91	Add similar Establishment for 91 more Overseers.	1,592½	91	1,592½	...	...		
			92	Total Office Establishment for Overseers.	1,610	92	1,610	...	...		

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.—*cont.*

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				ACCOUNTS BRANCH.							
				EXAMINERS.							
		Rs.			Rs.		Rs.		Rs.		
1	Examiner, 3rd Class ...	1,100	1	Examiner, 3rd Class ...	1,100	...	...	...	...		The number of officers at present attached to this Presidency has been taken as the "Present Scale," to which has been added one to Deputy Examiner, 1st Grade, and the totals thus arrived at have been shown as the "Proposed Scale." The provision of the extra Deputy Examiner has been made in view to the more frequent inspection of the Executive Engineer's Officers, considered to be absolutely essential with the introduction of the new forms of account, and also in view to the proposed large increase to the operations of the department.
1	Deputy Examiner, 1st Grade.	550	2	Deputy Examiners, 1st Grade, at 550.	1,100	1	550	...	...		
1	Assistant Examiner, 2nd Grade.	250	1	Assistant Examiner, 2nd Grade.	250	...	...	...	...		
3	Total Examiner Establishment.	1,900	4	Total Examiner Establishment.	2,450	1	550	...	...		
				ACCOUNTANTS.							
1	Accountant, 1st Grade ...	400	1	Accountant, 1st Grade.	400	...	...	...	...		The numbers entered in column "Proposed Scale" have been arrived at thus:—
3	Accountants, 2nd Grade, at 295.	885	3	Accountants, 2nd Grade, at 295.	885	...	...	...	...		
4	Accountants, 3rd Grade, at 200.	800	6	Accountant, 3rd Grade, at 200.	1,200	2	400	...	...		
10	Accountants, 4th Grade, at 115.	1,150	15	Accountants, 4th Grade, at 115.	1,725	5	575	...	...		
34	Accountants, 5th Grade, at 57½.	1,955	31	Accountants, 5th Grade, at 57½.	1,782½	...	...	3	172½		
52	Total Accountant Establishment.	5,190	56	Total Accountant Establishment.	5,992½	7	975	3	172½	Net increase Rs. 802½.	

	Accountants.
For 25 Executive Divisions	25
For Central Office, one Accountant for every 3 Divisions, and one for any fraction ⅔ or	9
Extra	1
Total ...	35

and this total has been distributed with reference to P. W. D. Code, Chapter I, paragraph 77, as follows:—

1st and 2nd Grades ¾ 4 (omitting fraction less than half) 2nd Grade to be always more than 1st Grade, *i.e.*,

			Rs.
1st Grade	=	1 at 400 =	400
2nd do.	=	3 at 295 =	885
3rd do. ¾	=	9 at 200 =	1,800
4th do. (remainder).	=	22 at 115 =	2,530
(adding 1 for fraction more than half).			
Total ...	35	Costing	5,615

Recasting the above to bring in the 5th-Grade Accountants the Establishment will be—

			Rs.
1st Grade.	1 at 400	=	400
2nd do.	3 at 295	=	885
3rd do.	6 at 200	=	1,200
4th do.	13 at 115	=	1,495
5th do.	29 at 57½	=	1,667½
	52	Costing	*5,647½

* The small excess difference of Rs. 32½ is due to the redistribution.

Add—one Accountant each for Presidency and Dowlaishweram Workshops, one for Madras Harbour Works, and one for Central Office = 4, *i.e.*,

2, 4th Grades at	115	= 230
2, 5th do. at	57½	= 115
Total ... 56	Costing	5,992½

Statement showing the proposed changes in the Establishment of the Public Works Department, Madras Presidency, &c.—cont.

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.		
				ACCOUNTS BRANCH—*cont.*							
				Office Establishment.							
		Rs.			Rs.		Rs.		Rs.		
1	Clerk, II Class, 2nd Grade.	140	1	Clerk, II Class, 2nd Grade.	140	...	...	...	...		To the present number of Clerks have been added four Clerks (2, III Class, 2nd Grade, at 70 each, and 2, III Class, 3rd Grade, at 55 each) on account of the four Project Divisions for which no Accountants have been provided. A small addition of two Clerks (1, IV Class, 1st Grade, at 45, and 1, IV Class, 3rd Grade, at 25) has also been made to the existing establishment on account of the increase in number from 20 to 25 of Executive Divisions, which necessarily will entail an increase in the clerical work of the Central Office.
1	Clerk, III Class, 1st Grade.	90	1	Clerk, III Class, 1st Grade.	90	...	...	...	...		
1	Clerk, III Class, 2nd Grade, at 70.	70	3	Clerks, III Class, 2nd Grade, at 70.	210	2	140	...	...		
3	Clerks, III Class, 3rd Grade.	165	5	Clerks, III Class, 3rd Grade, at 55.	275	2	110	...	...		
5	Clerks, IV Class, 1st Grade, at 45.	225	6	Clerks, IV Class, 1st Grade, at 45.	270	1	45	...	...		
6	Clerks, IV Class, 2nd Grade, at 35.	210	6	Clerks, IV Class, 2nd Grade, at 35.	210	...	...	...	...		
10	Clerks, IV Class, 3rd Grade at 25.	250	11	Clerks, IV Class, 3rd Grade, at 25.	275	1	25	...	...		
3	Clerks, V Class, 1st Grade, at 17½.	52½	3	Clerks, V Class, 1st Grade, at 17½.	52½	...	...	...	...		
30	Total Clerks	1,202½	36	Total Clerks	1,522½	6	320	—			
	Menial servants ..	102½	1	Moochi at 10	10	...	...	...	...		
			1	Do. at 8	8	...	...	...	...		
			1	Head Messenger ...	10	...	...	...	...		
			1	Do. ..	8	...	...	..	...		
			4	Messengers, at 7 ...	28		...	...	...		
			6	Do. at 6 ...	36	...	...	...	...		
			2	Rollers, at 5 ...	10	...	...	...	...		
			16		110	0	7½	...	...		
	Total Office Establishment.	1,305	52	Total Office Establishment.	1,632½	...	327½	...	...		
				Abstract of Accounts Branch.							
3	Examiners	1,900	4	Examiners	2,450	1	550	...	...		
52	Accountants	5,190	56	Accountants ...	5,992½	7	975	3	172½		
	Office Establishment ...	1,305	52	Office Establishment ...	1,632½	...	327½	...	...		
	Total Accounts Branch.	8,395		Total Accounts Branch.	10,075	...	1,852½	...	172½		

ABSTRACT.

		Rs.		
Executive Branch	...	1,26,487		
Accounts Branch	...	10,075		
Grand Total	...	1,36,562	per mensem or per annum	Rs. 16,38,744
And—Approximate amount on account of Military pay and allowances of Military officers, per mensem	...			Rs. 8,000
Approximate amount on account of Military pay and allowances of Military subordinates, per mensem	...			1,500 or per annum 1,14,000
				9,500
Sub-divisional allowance for 15 Upper Subordinates at 30.				450 or per annum. 5,400
Local allowances, approximate, Upper Godávari allowance per mensem ...		50		
Wynaad allowance per mensem ...		200		
Pottinghy Ghát or Jeypore allowance per mensem		600		
		850		10,200
Charge allowance for 5th-Grade Accountants recommended in letter No. 241 W., dated 19th March 1881, from the Examiner, Public Works Accounts, to the Local Government				400 4,800
Do. do. Presidency allowance, and Presidency House-rent, Executive Branch				1,200
Accounts Branch				1,650
				2,850
				34,200
Total Permanent Establishment salaries ...				18,07,344
Travelling allowance, Executive Branch				16,666⅔
Do. Accounts Branch				400
				17,066⅔
Contingencies.— Executive Branch ...				4,000 2,04,800
Accounts ,, ...				400
				4,400
				52,860
Total Permanent Establishment ...				20,64,944

		Per mensem. Rs.	Per annum. Rs.
Temporary Establishment.	Executive Branch.		
	Irrigation Survey ...	1,250	15,000
	Special Revenue Investigation Establishment ...	1,000	12,000
	Temporary Executive Branch ...	2,083⅓	25,000
		4,333⅓	52,000
	Accounts Branch.		
	Temporary Establishment for the preparation of Capital and Revenue Accounts of Irrigation Works ...	800	9,600
		5,133⅓	61,600
	Grand Total Establishment ...		21,26,544

EXECUTIVE BRANCH.

DEDUCT—	Per mensem. Rs.	Per annum. Rs.	
Pay and allowances of Consulting Engineer and two Deputy Consulting Engineers for Railways chargeable to Imperial ...	4,023	48,276	
Moiety of pay and allowance of Superintendent of Public Works Stores and Workshops chargeable to Workshops	335	4,020	
Pay of two Upper Subordinates chargeable to Workshops ...	400	4,800	
ACCOUNTS BRANCH.			
Pay and allowances of four Accountants chargeable to Public Works Workshops (Dowlaishweram and Presidency) and Madras Harbour Works ...	445	5,340	62,436
Net Total Establishment, Permanent and Temporary, including travelling allowances and contingencies			20,64,108

* Per mensem to give in round numbers 60,000 for the year.

APPENDIX C.

GRADATION LIST as proposed under the new organization with effect from 1st August 1881.

Name.	Date of first Appointment to the Department.	Present permanent grading in the Department of those Officers who are to be promoted.
CHIEF ENGINEER, 1ST CLASS, (1.)		
Colonel R. H. Sankey, C.B., R.E. ...	May 1850.	
CHIEF ENGINEER, 2ND CLASS, (1.)		
Colonel J. Mullins, R.E.	February 1852.	
CHIEF ENGINEER, 3RD CLASS, (1.)		
Colonel J. H. M. Shaw-Stewart, R.E., (A.I.C.E.)	January 1854.	
SUPERINTENDING ENGINEERS, 1ST CLASS, (2.)		
Lieut.-Colonel J. Beatty, R.E.	March 1855.	
„ J. O. Hasted, R.E. ...	January 1856.	
SUPERINTENDING ENGINEERS, 2nd CLASS, (2.)		
Lieut.-Colonel H. L. Prendergast, R.E.	November 1857.	
Lieut.-Colonel W. Chrystie, R.E.	October 1855 ...	Superintending Engineer, 3rd Class.
SUPERINTENDING ENGINEERS, 3RD CLASS, (2.)		
Major H. R. Mead, R.E.	January 1858.	
Mr. J. W. Rundall, M.I.C.E.	August 1855 ...	Executive Engineer, 1st Grade.
EXECUTIVE ENGINEERS, 1ST GRADE, (9+1=10.)		
Major C. J. Smith, R.E.	January 1858.	
Mr. R. F. Chisholm, F.R.I.B.A.	February 1859.	
Lieut.-Colonel J. N. Hunter, R.E. ...	March 1855.	
Major H. Smalley, R.E.	July 1859.	
„ P. Montgomerie, R.E.	November 1860.	
Lieut.-Colonel W. H. Burton, R.E. ...	May 1858.	
Major H. M. Vibart, R.E. ...	September 1861.	
„ J. Pennycuick, R.E.	April 1862.	
Lieut.-Colonel Ross Thompson, R.E. ...	August 1863.	
Major J. L. L. Morant, R.E.	January 1864.	
EXECUTIVE ENGINEERS, 2ND GRADE, (10+1=11.)		
Mr. G. T. Walch, M.I.C.E.	February 1866.	
Major A. T. Fraser, R.E.	March 1860.	
„ S. C. Clarke, R.E.	October 1862.	
Captain R. R. E. Drake-Brockman, R.E.	November 1864.	
„ W. H. Coaker, R.E.	April 1866.	
Mr. T. D. Harris	August 1855.	
Captain A. C. Smith, R.E.	September 1864.	
„ A. Awdry, R.E., A.I.C.E. ...	January 1868.	
Mr. K. F. Nordmann	June 1862.	
„ E. H. Pringle	January 1868.	
Captain D. McNeil Campbell, R.E. ...	April 1869 ...	Executive Engineer, 3rd Grade.
EXECUTIVE ENGINEERS, 3RD GRADE, (10+1=11.)		
Mr. J. Hannan	July 1866.	
Mr. R. W. Norris	„ 1867 ...	Re-appointment.
Captain R. F. Morris, R.E.	March 1864.	
Mr. G. D. Wybrow	July 1867.	
„ J. W. Martin	December 1867.	
„ J. D. Grant, A.I.C.E.	July 1868.	

Gradation List as proposed under the new organization, &c.—*cont.*

Name.	Date of first Appointment to the Department.	Present permanent grading in the Department of those Officers who are to be provided.
Executive Engineers, 3rd Grade—*cont.*		
Mr. C. J. Peters	July 1867 ...	Executive Engineer, 4th Grade.
" *W. Hughes, B.A.*	1868 ...	Do. do.
" *J. C. Larmide*	March 1869 ...	Do. do.
" *J. M. Bell*	December 1867 ...	Do. do.
Captain A. W. Smart, R.E.	March 1871 ...	Do. do.
Executive Engineers, 4th Grade, (3+1=4.)		
Captain C. C. Rawson, R.E.	June 1871.	
" A. R. F. Dorward, R.E.	August 1871.	Assistant Engineer, 1st Grade.
Lieutenant C. B. Henderson, R.E. ...	June 1861 ...	Do. do.
Mr. Wills	April 1873 ...	Temporary Probationary Appointment.
Assistant Engineers, 1st Grade, (24+2=26.)		
Lieutenant O. V. Boddy, R.E. ...	April 1873.	
" L. Langley, R.E. ...	" "	
" F. G. Romilly, R.E. ...	" "	
Captain W. Jackson	September 1872.	Counted as an Upper Subordinate.
Mr. C. H. T. Norfor	August 1870.	
Lieutenant R. E. Hamilton, R.E. ...	June 1875 ...	Deputy Consulting Engineer for Railways.
W. L. C. Baddeley, R.E. ...	July " ...	
Mr. W. B. De Winton	October 1874.	
Lieutenant S. C. Plummer	January 1855 ...	Counted as an Upper Subordinate.
Mr. C. Vincent	October 1874	
" A. H. Garrett	" "	
" J. P. Davidson	" "	
" J. C. Johnson	February 1873.	
" H. S. Taylor	October 1875.	
" A. S. Russell	" "	
" C. M. Smith	" "	
S. Subroya Chariar, B.C.E.	May 1865, "	
Mr. W. C. De Morgan	October 1874, ...	Assistant Engineer, 2nd Grade.
" *W. L. Bird*	" 1875 ...	do.
" *J. E. Peal*	" " ...	do.
" *G. P. Carless*	February " 1876 ...	do.
" *J. Trail*	October 1874 ...	do.
" *C. H. B. Bierbon*	" 1875 ...	do.
" *H. E. G. Evans*	" " ...	do.
" *C. Ussher*	" " ...	do.
" *G. E. Manson*	" 1877 ...	do.
" *A. G. Maled*	" " ...	do.
" *W. Jopp*	" " ...	do.
Assistant Engineers, 2nd and 3rd Grades, (19+2=21.)		
Mr. B. H. Young	October 1877.	
" G. B. Lambert	" "	
" H. H. O'Connell	September " 1878.	
" A. R. Boyle	October 1880.	
" M. Hayes	" "	
" F. J. Wilson	" "	
" E. B. Hanson	" "	
" A. M. Forrd	" "	
" R. H. Dorman	September " 1879.	
" H. E. Clerk	October 1880.	
" S. D. Evans	" "	
"	April " 1874.	
N. Ruthnasabapathy Pillay, B.C.E. ...	September 1880.	Counted as an Upper Subordinate.
S. Gopalakrishna Iyengar, B.C.E. ...	July 1870 ...	
Lieutenant D. Falvey		

N.B.—Those officers shown in italics will receive promotion.

APPENDIX D.

Protective Works Projects now in hand or proposed, paragraph 8, Government of India letter, No. 681 G, dated 5th May 1881.

Name of Project.	Division and Circle.	Brief explanation of each.	Probable amount of Estimate.	Forecast of provision to be made in the Budgets of the current and following years.		
				1881-82.	1882-83.	1883-84.
			LAKHS.	LAKHS.	LAKHS.	LAKHS.
(*a*) Ganjam, Gopaulpore, Tidal Canal.	A Project Division, 1st Circle.	During the last famine a tidal canal, 9 miles in length, was completed from Ramba at south end of the Chilka Lake to Ganjam, thus with the system of canals to the north connecting the latter place with Cuttack, Midnapur, &c. It is now absolutely essential that this canal should be extended southwards about 12 miles to the port of Gopaulpore, the most important [illegible] of the district, thus securing the means of distributing food grains in case of famine and of creating for ordinary seasons a highly promising artery of trade. A detailed estimate for a high level fresh water canal, amounting to Rs. 1,72,000, was framed some years since, but late information appearing to show that a tidal canal will be preferable, arrangements are being made for completing the estimate, which should be ready for submission in six or eight months	2·10	Nil.	Nil.	1·00
(*b*) Road from Salur in the Vizagapatam Division, *viâ Potinghy Ghaut* to Koraputt and Jugdulpore in Bustar.	Do.	The primary link in this, the first cart road leading from the littoral of Vizagapatam to, and through the country above the ghauts in Jeypore and Bustar, as yet attempted to be made, is the "Potinghy Ghaut," on which such small sums (altogether inadequate however for securing proper progress) have hitherto been spent from Provincial funds as could be spared. While grain has been at famine prices in the low country, it has always been cheap above the ghauts, where the rainfall seems to be abundant and certain, and where land is apparently to be obtained for emigrants, the country being but sparsely populated. Of the revised estimate amounting to 3·40 lakhs for the Potinghy Ghaut now under examination (which will, if necessary, be forwarded to the Government of India) about one-third has already been spent, and it is thought that probably nine lakhs more would be needed to take the line 70 miles on to Jugdulpore (new Bustar). No estimate has been framed for this latter portion, but with the new establishment, one should be ready a year hence in time for entry in the budget of 1883-84	10·50	0·75	1·00	2·00

Protective Works Projects now in hand or proposed, paragraph 8, Government of India letter, No. 631 G, dated 5th May 1881—*cont.*

Name of Project.	Division and Circle.	Brief explanation of each.	Probable amount of Estimate.	Forecast of provision to be made in the Budgets of the current and following years.		
				1881-82.	1882-83.	1883-84.
			LAKHS.	LAKHS.	LAKHS.	LAKHS.
		N. B.—Other roads suitable for cart traffic, *e.g.*, for linking Korapatt with Raigurh and others leading towards Sumbalpore north-east and through Kalahandy north-west will be certainly required in course of time as protective works, but need not be further adverted to here				
(*e*) Buckingham Canal.	At present Buckingham Canal Division, 1st Circle.	From the early part of the century, a tidal canal connecting the backwaters of the east coast north of Madras was considered feasible and partially carried out. The scheme was more fully developed in the late famine by so far completing the works as to make a tidal communication, now known as the "Buckingham Canal," extending nearly 200 miles north, and about 50 south of Madras. The total outlay from the commencement to date has been nearly 37·4 lakhs, of which 27·1 lakhs may be considered normal. The completion estimates, now far advanced, amount to about 29 lakhs, so that the normal outlay will, for the finished work, be approximately 56 lakhs. Possible distribution of food-grain during famine a safe interior line of coastal communication will be invaluable, while for ordinary trade purposes, its importance is daily on the increase. Already boats from Coconada come laden to Madras 400 miles, and it can hardly be doubted that eventually the whole line of coast will be similarly connected. A work of this character is wholly beyond the unaided Provincial resources, and as it is essentially "Protective" in its character, it is here included. The estimates should be ready for submission six months hence ...	36·00	*Nil.	5·00	5·00
(*d*) Buckingham Canal south of Markanum.	...	The extension southward of the above canal through the French territory (18 miles) and as far as Point Calimere has been regarded not merely as desirable for completing a much needed link in the coast communications, but as holding in readiness a work which is considered to be extremely well suited for execution during famine. The details of a considerable portion of the estimate were worked out some years ago, but its entire revision will be needed to allow of its being sanctioned by the Government of India. At the present moment, however, there is no very pressing necessity for the work, the time named for its submission may be for the budget of 1884-85	30·00	Nil.	Nil.	Nil.
(*e*) Baroor Tank.	B Project Division, 2nd Circle.	This work was commenced for relief in last famine. The project provides for an anicut across the Pooniar river-supply channel to Sarur Taluk, enlargement of the tank irrigation channels and head-sluices to existing channels. The increase of cultivation is expected to be 5,610 acres, and of revenue, 22,137 rupees. The work is considered valuable as a famine protective work. Plans and estimates have been prepared and submitted to the Government of India, but were returned for revision. They will probably be resubmitted by the end of official year.	3·10	Nil.	1·00	2·00
(*f*) Marandahully.	B Do. 2nd Circle.	Work was commenced for famine relief. The project provides for an anicut across Sumadakumara river-supply channel to Sungambasavan tank, enlarging this and Jairy Talab, and channels from tanks. Provides for the storage of 667 millions of cubic feet of water. Increase of cultivation and revenue expected not yet known. It is understood that estimates are nearly ready for submission. This work is likely to be of value as a protective work	3·90	Nil.	1·50	2·00
(*g*) Vaniar ..	Do. ...	Work was commenced for famine relief, but probably the project cannot be carried out so as to utilize all work then done. The project provides for the formation of a reservoir by damming the valley of the Vaniar river. Increase of cultivation expected is 9,500 acres, and of revenue 33,250 rupees. Plans and estimates have yet to be drawn up, and further enquiry made regarding the returns. It is not certain that the work will prove productive though it may be valuable as a protective work. The estimates might be ready by the end of the official year ...	8·50	Nil.	Nil.	Nil.
(*h*) Hindupur ...	C Do. 3rd Circle.	The project provides for constructing an anicut across the Penniar river for the supply of 11 tanks with head-sluices and channels. The district of Bellary having very little irrigation, the work would be of value as a protective work. Plans and estimates were prepared many years ago, but the project will need complete revision. Existing cultivation is expected to be improved, and 356 acres of waste land cultivated Increased revenue expected, 10,906 rupees. Estimates may be submitted by the end of official year	2·00	Nil.	1·50	0·50
(*i*) Roddam ...	Project Division, 3rd Circle.	The project provides for an anicut across the Pennér to supply Roddam large tank, and would, like the work above, be useful as a protective work. Plans and estimates were prepared many years ago, but the project needs complete revision Existing cultivation is expected to be improved, and 1,344 acres of waste land cultivated. Increased revenue expected 9,105 rupees. Estimates may be submitted by the end of the official year ...	1·40	Nil.	Nil.	1·00

* *N.B.*—No outlay is shown in 1881-82 against the Buckingham canal above, as the funds for the current year are being found for "Provincial." At the same time it is much to be desired that a portion if not the whole of the current year's assignment may be charged against "Imperial Protective" so as to liberate Provincial Funds most urgently needed for other purposes.

Protective Works Projects now in hand or proposed, paragraph 8, Government of India letter, No. 681 G, dated 5th May 1881—*cont.*

Name of Project.	Division and Circle.	Brief explanation of each.	Probable Amount of Estimate.	Forecast of provision to be made in the Budgets of the current and following Years.		
				1881-82.	1882-83.	1883-84.
			LAKHS.	LAKHS.	LAKHS.	LAKHS.
(*j*) Complete revised project for the Godávari Delta Works.	D Project Division, 3rd Circle.	The work to be done is the revision of certain of the estimates already sanctioned, the examination of estimates submitted, and framing one complete estimate. Beyond those already submitted, there will probably be estimates amounting to 24,00,000 rupees required. It is thought that under special arrangements now being made the estimates will be ready for submission in five or six months	60·00	Nil.	5·00	5·00
(*k*) Complete revised project for the Kistna Delta Works.	Do. ...	The same work has to be done as above. Estimates have been prepared and but little revision is expected to be necessary. Revenue returns have to be obtained. These estimates may be expected to be ready for submission by the end of the year or a little after	140·00	Nil.	5·00	5·00
(*l*) Perryaur ...	Do. ...	The project provides for constructing a concrete dam of 170 feet in height and turning the water of the Perryaur river, which now runs into Travancore, into the Madura District. It will it is thought prove invaluable as a protective work. The net return expected from the work is 5,15,000 rupees per annum, constituting it also a "Productive." The out-door surveying, &c., has been done, and the project has only to be put into shape and may be submitted by the end of the year ...	70·00	Nil.	1·00	5·00
(*m*) Peogalur Channel.	Do. ...	The project provides for improving an existing channel, and work was commenced for famine relief, 95,057 rupees having been spent on it. The existing irrigation is expected to be improved, and 5,100 acres additional land cultivated; the increase of revenue expected is 48,000 rupees. The estimates have been submitted and returned for revision, and may probably be ready by the end of the year	3·70	Nil.	1·00	2·00
(*n*) Rooshkoolia ...	Do. ...	The project provides for an anicut across the Korakory river in the Ganjam District, improving and constructing channels and embanking a natural lagoon in a part of the country where protective works are much needed. Provision is made for 64 miles of navigable canal and for two reservoirs. The area to be irrigated is 1,20,000 acres, and a return of 4 per cent. on the total outlay is expected. The plans and estimates have been prepared, and may be put into shape for submission without delay	26·00	Nil.	2·00	2·05
(*o*) Pálár Anicut ...	Unassigned as yet.	The project is for improvements to existing channels under the anicut on the south side. Plans and estimates have been prepared, but not yet submitted, and information is needed as to cultivation and revenue expected.	2·50	Nil.	Nil.	Nil.
(*p*) Atur Anicut ...	Do. ...	This project provides for an anicut on the Guddebum in South Arcot District. The estimate has been submitted and returned for revision. Information regarding cultivation, &c., is as yet not available. The estimates might be completed in three or four months	0·54	Nil.	Nil.	Nil.
(*q*) Lower Coleroon Anicut.	Do. ...	This project provides for the improvement of existing irrigation under the Lower Coleroon Anicut in South Arcot; the subject has not yet been taken up, but it seems certain that great improvements can be made, and the cultivation extended. The estimates could be prepared within a year ...	6·50	Nil.	Nil.	Nil.
(*r*) Bhaváni Reservoir.	Do. ...	This is a project for forming a large reservoir on one of the tributaries of the Cavari river with a view to storing some portion of the flood waters which now run to waste. Preliminary investigations have been made, and it is thought that by the construction of the reservoir, not only would the supply for the Tanjore Delta be thus improved, when occasionally deficient, but over 200,000 acres of additional direct irrigation be secured.	40·00	Nil.	Nil.	Nil.
		Totals ...	425·84	0·75	25·00	35·00

GOVERNMENT OF MADRAS.

503/19

PUBLIC WORKS DEPARTMENT.

14th July 1881, No. 1729 W.

General.
Establishment.

Read the following papers:—

No. 17. From A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 5th May 1881, No. 681 G.

I AM directed to acknowledge your letter, No. 337 W., dated 8th February 1881, again recommending for sanction the establishment proposed in your previous letter, No. 2277 W., dated 1st October 1880.

2. The total amount of all establishment charges under those proposals is estimated at 18½ lakhs against a total grant for the year 1881-82 of 63½ lakhs, or excluding the Madras Harbour Works of 56½ lakhs.

3. The Government of India still retains the objections that the appointment of five Superintendents of Works, each drawing Rs. 100 per mensem as a special allowance, would make the normal pay of Executive Engineer, 1st Grade, quite exceptional, and that some of the charges do not appear to be of sufficient importance to justify the appointment of a special supervising officer; I am to suggest, for the consideration of the Madras Government, the following alternative. Instead of a Superintendent of Works for each of the four circles—

(1) Vizagapatam and Ganjam,
(2) the Godávari Delta,
(3) the Kistna Delta,
(4) the Buckingham Canal,

it is proposed for consideration that there might be two circles each under a Superintending Engineer, viz.:—

(1) Vizagapatam, Ganjam, and the Godávari Delta;
(2) the Buckingham Canal and the Kistna Delta,

each circle consisting of three executive divisions.

4. The objections to linking the Buckingham canal to any other circle of superintendence are stated to be its great length (250 miles) and unfinished condition and also the work involved in controlling the traffic arrangements over so great a length of channel. The details of traffic arrangements should, however, devolve on the Executive Engineer, only a general control being exercised by the Superintending Engineer. As to the extent of the superintendency, it is not nearly so great as the Scinde Circle in Bombay, which is controlled by one Superintending Engineer.

5. If the foregoing suggestion is adopted, the following figures would show the difference between the resulting staff and that proposed by the Madras Government:—

	Proposed by the Madras Government.	Suggested by Government of India.
Chief Engineers	2	2
Superintending Engineers	5	7
Executive and Assistant Engineers	*79	†75

* Including five Superintendents of Works.

† Including one Superintendent of Works.

The expense would be somewhat less on the latter scale.

6. The distribution of Executive and Assistant Engineers into classes and g. would be—

	As proposed by Madras Government.	As suggested by the Government of India.
Executive Engineer, Grade 1	8	9
Do. do. 2	10	10
Do. do. 3	11	10
Do. do. 4	5	3
Assistant Engineer, Grade 1	25	24
Do. do. 2, &c.	20	19

The Government of India is prepared to give provisional sanction to either of the schemes, expressing, however, a strong preference for the latter. The number of Upper Subordinates proposed is accepted.

7. It is observed that ten Executive and Assistant Engineers are intended exclusively for the preparation of projects for famine relief works, and it is assumed that some portion of the time of the regular divisional staff will also be so occupied. It appears fair to estimate that nearly one-eighth of the whole energies of the staff will be devoted for some time to this object. Under these circumstances the Government of India is prepared to contribute that proportion of the estimated cost of the Madras establishment charges, *i.e.*, 2½ lakhs, from the general grant for Protective Public Works.

8. The assignment of this contribution from the special grant for Protective Public Works makes it necessary that the Government of India should be kept informed of the objects on which it is expended. I am to request therefore that a list of projects of protective works now under preparation and of those it is proposed to prepare during 1881-82 may be submitted at once with a brief explanation of each, and that when the budget estimate for 1882-83 is submitted a brief indication may be given of the progress made on each and a further list submitted of the new projects, the preparation of which will be commenced during that year.

9. The cost of the establishment required for the normal operations of the department may therefore be taken at * 16 lakhs against a total grant of 61 lakhs. Of the latter sum, 7 lakhs appertain to the Madras Harbour Works, which are carried out by special establishment, leaving 54 lakhs for the normal public works. The relative cost therefore of works and establishment will be—

* $18\frac{1}{2} - 2\frac{1}{2}$

	LAKHS.
Works	38
Establishment charges	16

i.e., the establishment charges are 42 per cent. on the outlay on works. This is still an extremely high percentage.

10. A large proportion of the establishment, however, appears to be required for the supervision of the distribution of water for irrigation and other revenue purposes. In paragraph 27 of your letter now acknowledged it is stated that it is the intention of the Government of Madras to address the Government of India, on the subject of debiting a portion of the Public Works Establishment to Revenue, in a separate communication. I am to state that the Governor-General in Council will be glad to receive the views of the Government of Madras on this point.

11. In sanctioning this large addition to the sanctioned scale of Engineers, it is necessary to consider the question of filling up the vacancies in it. The Government of India has no wish to retard promotion in Madras as compared with other provinces, but it is obvious that to fill up the vacancies in the higher grades altogether from the lower grades of the staff now in Madras would lead to inordinately rapid promotion. Moreover it is likely that the Government of India will very shortly have Engineers thrown on its hands without employ owing to completion of works in the railway

branch. Before, then, working up to the new scale, I am to request that a nominal roll may be submitted of the Engineers as they now stand, and a statement of the promotions the Madras Government considers due to length and nature of service, and an endeavour will be made to supply the balance from elsewhere.

12. I am to request that the exceptional arrangement regarding promotions in the place of Superintending Engineers on furlough may cease on the receipt of this letter.

13. The increase now sanctioned to the number of Upper Subordinates will probably enable the Madras Government to find room for those transferred from Madras to Mysore and for men whose home is in Madras who are no longer needed in Mysore, owing to the transfer of the administration of the country to His Highness the Maharajah.

14. I am finally to request that it may be understood that the Government of India cannot admit a higher rate than 25 per cent. on the expenditure on Imperial works as a charge for Imperial establishments exclusive of the establishment employed on Revenue work; that is, one-fifth of the entire Imperial grant shall not be exceeded on account of establishment charges exclusive of what is charged to Revenue work.

From Colonel R. H. SANKEY, R.E., Secretary to the Government of Madras, Public Works Department, to the Secretary to the Government of India, Public Works Department, dated 9th July 1881, No. 1697 W.

I am desired, in reply to your letter, No. 681 G., dated 5th May 1881, having reference to the normal strength of establishment for the Public Works Department in this Presidency, to state that the Government very thankfully accept the scale and the general arrangement into six Superintending Engineers' Circles as suggested by the Government of India, though as regards the former some additions have recently shown themselves to be necessary, and as regards the latter, local circumstances require slight modifications which will be immediately explained.

2. There is now, I am to observe, no further discussion as to the appointment of Superintendents of Works for—

(1) Vizagapatam and Ganjam Divisions,
(2) the Godávari Delta, do.
(3) the Kistna Delta, do.
(4) the Buckingham Canal,
(5) the Presidency including Bangalore;

but one officer of this class will still remain, viz., the Consulting Architect assented to under paragraph 3 of your letter, No. 1918 G., dated 4th November 1880.

3. It is also a matter of question with this Government whether the important station of Bangalore should not again be formed into a separate division, in case the new Army Organization Scheme be carried into effect, as it would then in all probability become Army Head-quarters for the Presidency. For the present, however, no immediate change seems necessary.

4. With reference to the additions required to the scale as originally sent up, I am in the first place to note that (1) the Madras Irrigation Company's Canal (soon about to be taken over) and the Sungum Project sanctioned by the Government of India in their letter, No. 188 I., dated 6th May 1881, in Nellore (the arrangements for prosecuting which have already been commenced by appointing the officers and several of the subordinates, &c.) must be included.

5. To these requirements must further be added two officers in the grades of Executive Engineers omitted by a clerical error in the "Distribution Statement" which accompanied my letter, No. 2277 W., dated 1st October 1880, where it will be observed that under the head "Supernumeraries" calculated at 10 per cent. only *one* officer has by oversight been shown in the grade of Executive Engineer instead of *three*.

6. The additions to the scale will therefore stand as under:—

	Executive Engineers.	Assistant Engineers.	Upper Subordinates.
For the Madras Irrigation and Canal Company, see Government of India letter, No. 207 I., dated 16th May 1881.	1	2	6
For the Sungum Project sanctioned by the Government of India letter, No. 188 I., dated 6th May 1881.	1	2	6
To rectify error in the previous Distribution Statement ...	2	...	...
Total ...	4	4	12

7. If the four additional Executive Engineers be distributed on the strength of one to each of the sanctioned grades and the Assistant Engineers be divided equally between the 1st grade and the 2nd and 3rd grades combined, the modified normal establishment would then stand as follows (paragraphs 5 and 6 of your letter under reply):—

Chief Engineers.

1st Class	1
2nd "	1
3rd "	1
	3

Superintending Engineers.

1st Class	2
2nd "	2
3rd "	2
	6

Executive Engineers.

1st Grade	10
2nd "	11
3rd "	11
4th "	4
	36

Assistant Engineers.

1st Grade	26
2nd and 3rd Grades	21
	47
Upper Subordinates of all grades	185

8. The attached Distribution Appendix **A** shows the circles and divisions, and Appendix **B** the cost in prescribed form, both in substitution of those originally submitted for sanction.

9. As regards **A**, the distribution, it will be observed, differs somewhat from that suggested by the Government of India, though No. I Circle is the same as that given in paragraph 3 of your letter. No. II Circle will now consist of the two Kistna Divisions, the Sungum Project and Nellore instead of the Buckingham Canal, which latter will much better fit into No. V Circle.

10. The Nellore Division with the Sungum Project will be a sufficient addition to the Kistna Delta works, and should the completion estimates for the latter be sanctioned as may be early looked for, the Superintending Engineer will have quite as much if not more than he can satisfactorily administer.

11. All the other circles have been made out strictly with reference to the actual works in progress and proposed, so as at once to give each Superintending Engineer ample employment and the best centre from which to supervise the operations of that portion of the department under his charge.

12. To three of these circles have also been assigned such of the new project divisions as fall naturally within their respective limits; the 4th of these, Division (D), being, however, reserved specially for personal supervision by the Chief Engineer for Irrigation for reasons subsequently to be explained.

13. Turning to Appendix **B** it will be noted that the total annual charge for establishment is raised from 16·13 (the total present charge) to 20·64 lakhs; but as the outlay on both Protective and Productive works increases annually till the total expenditure by the department more than doubles what it is at present (a little over 50 lakhs), the high percentage now apparent will disappear in course of time.

14. It being the intention of Government to initiate the redistribution of charges, &c., under the new scale from the 1st August, the total outlay on establishment for the current year would generally stand as follows:—

	At per Annum. LAKHS.	LAKHS.
To four months, April to July (both inclusive) 1881, as per Part iii, Budget of Provincial Services for 1881-82	16·13	5·38
To eight months from 1st August 1881 as per Appendix **B**	20·64	13·79
Total for Current Official Year		19·17

15. This amount cannot, however, be worked up to as it will take time to fill all vacancies in the Engineer and Subordinates grades.

There are moreover several modifications to be introduced later on when it is more accurately known how the vacancies in the Gradation List are to be filled up, and when instructions have been received as to the incidence of the charges affecting the Imperial and Provincial Budgets.

16. In regard to the latter point, your letter (paragraph 7) lays down that $2\frac{1}{2}$ lakhs will be contributed during the current year from the general grant for "Protective" Public Works; and again in paragraph 10 an intimation is understood to be conveyed that the Government of India would not be indisposed to consider the advisability of debiting a portion of the charge for Irrigation Establishment against the revenue of the works in which they are engaged.

17. The subject of the latter proposal has already been submitted for the consideration of His Excellency the Governor-General in Council in G.O. of 12th April 1881, Nos. 269 and 270 I., and on receipt of a reply it will be possible to deal with the mode of distributing the charges among the different budgets.

18. With reference, however, to the contribution from Imperial of the $2\frac{1}{2}$ lakhs, I am to state that this Government propose to appropriate at once Rs. 75,000 for pushing on as a "Protective" work the Potinghy Ghât in Vizagapatam (to be adverted to further on), setting free a corresponding amount which is most urgently needed for the execution of a number of buildings, &c., which, as will be seen from Part B of the Provincial Budget for the current year, cannot otherwise be met for years to come, and to reserve the remaining Rs. 1,75,000 as a contribution towards the general establishment charges of the current year.

19. I am now to advert to the subject-matter of paragraph 11 of your letter under reply, and, in so doing, to submit for approval the Gradation List Appendix **C** containing the promotions which it is intended to give effect to from the 1st August, as being the date from which it is desired by this Government to constitute, as far as may be possible, the new divisions and circles of superintendence, and for which all the requisite arrangements are being made.

20. In reference to your remark that it would lead to inordinately rapid promotion to fill up the vacancies in the higher grades altogether from the lower grades of the present Madras staff, it may at once be stated that, owing to the number of Royal

Engineers in the higher grades who went to England on the special furlough on the occasion of the late reductions, and who will shortly return to duty (Lieutenant-Colonel Burton, R.E., has been telegraphed for to take up the Presidency Division, and will be here by 1st August), as also to other causes unnecessary to detail, there will practically be no promotions to speak of till the 3rd-grade Executive Engineer is reached, and only nine vacancies in the combined 2nd and 3rd grades Assistant Engineers to make up.

21. Among the Chief Engineers there is no promotion, while in the three classes of Superintending Engineers the first promotion is that of Colonel W. Chrystie from third to second class. This officer will not only have nearly twenty-six years' service in the department on the 1st August, but has frequently, during several years past, acted as Superintending Engineer, 2nd Grade, in both Mysore and Madras. The second promotion is that of Mr. Rundall from 1st-grade Executive Engineer to 3rd-class Superintending Engineer. He has likewise twenty-six years' service in the department, and has for some time acted, with great credit to himself, as Superintending Engineer.

22. These are both excellent officers of great experience, and could not possibly with any considerations of justice be superseded by an officer introduced from another province.

23. It is also especially to be observed with reference to this that the insertion of a fresh officer in any of the classes of Superintending Engineer would cause an excess of one in the number of 1st-grade Executive Engineers. This latter is now full and there will be no promotions.

24. In the 2nd grade, owing to the late introduction of Major A. T. Fraser from the Mysore Department, and the return of Major S. C. Clarke from the Railway Department under the Government of India, there is only one promotion from the 3rd grade—Captain D. McNeil Campbell, a very promising officer with twelve and-a-quarter years' service in the department.

25. Among the Executive Engineers, 3rd Grade, on the new scale there will be one officer re-instated, Mr. R. W. Norris, and five promotions from the 4th grade, viz., Messrs. Peters, Hughes, Larminie, Bell, and Captain Smart, R.E., all of whom have service in the department ranging from fourteen to over ten years.

26. Mr. Norris' case is peculiar. His name was included in the late reductions, and after retirement he accepted employment as Local Fund Engineer, North Arcot; but as he is a specially trained Irrigation Officer whose services would be very valuable, this Government have considered it desirable to re-instate him, and he has been directed to report himself for duty on 1st August. It is not considered desirable in the interests of the public service that any other of the officers previously reduced should now be re-instated.

27. The list shows two promotions from 1st-grade Assistant Engineer to 4th-grade Executive, viz., Mr. Grimes (an old officer who commenced as a military subordinate) and Lieutenant C. B. Henderson, R.E., who has more than eight years' service in the department.

28. In addition to these four officers who would complete the scale, it has been thought desirable to enter the name of Mr. Wilks as temporary Executive Engineer.

29. This officer is now second on the staff of the Madras Irrigation and Canal Company, and although, as previously reported (*vide* letter, No. 202 I., dated 18th March 1881), it would be inexpedient to place him in the position of a Superintendent of Works for the canal on the work being taken over from the Company, it is thought that, owing to his local knowledge and experience as an Engineer, he may very possibly be quite capable of remaining in charge as Executive Engineer under the immediate direction of the Superintending Engineer of the Circle. In any case, I am to say, this Government is prepared to make the experiment, and as the best means of doing so would wish Mr. Wilks, during his term of probation (a year), to be borne on the strength of the department in the manner now proposed, should he be willing to accept the position.

30. If he subsequently gives satisfaction, his permanent grading will not occasion any serious difficulty, as in all probability before the time comes one or more vacancies in the higher grades will almost certainly occur.

31. Proceeding to the Assistant Engineers, it will be observed that there are eleven promotions from 2nd to 1st grade, the junior, Mr. W. Jopp, having very nearly four years' service in the department on 1st August. As the senior, Lieutenant O. V. Boddy, has a little over eight years' service, it is believed that these limits correspond very closely to the lengths of service in this grade, which it is the desire of the Government of India to secure for future working.

32. It was the original intention of this Government to promote into this grade, on precisely the same honorary footing as military subordinates, Sub-Engineers S. Ottmann and J. W. Ellis, whose cases were submitted specially (see margin) for the consideration of the Government of India, and even now the Government were prepared, failing this arrangement, to bring them permanently on the strength of the Engineer Establishment; but their promotion having lately been definitely barred by the orders contained in your letter, No. 797 G., dated 10th June 1881, their names have been removed from the list. I am, however, to submit that this Government still entertains a strong conviction that it would be both advantageous to the public service to promote these very deserving subordinates, and in every way politic to do so, especially at this juncture, when their advancement can be effected with much less hardship to others than would at any other time be possible.

This department paper, No. 1134 W., dated 2nd May 1881.

33. I am therefore to solicit further consideration on this point, and to state that, if the Government of India sees fit to grant the concession, their names might be introduced immediately below that of Mr. H. E. G. Evans.

34. At the bottom of the list there are nine vacancies in the combined 2nd and 3rd grades of Assistant Engineers, and as it is unlikely that officers in these grades would care to be transferred from other provinces, this Government desires to be given complete freedom of selection within, of course, code rules.

35. Should any Royal or Cooper's Hill Engineers, however, desire to enter, they could at once be posted according to length of service. Otherwise the Honorable the Governor in Council would be disposed to select one or two of the most promising youths who have of late years passed out of the Civil Engineering College, Madras, with certificates as Assistant Engineers, and fill up the remaining vacancies as opportunity offers.

36. In concluding this part of the subject, I am in the *first* place to observe that a comparison of the respective lengths of service of the officers in the Madras Department with those in other provinces more immediately under the Government of India as shown by the published classified lists, has established so clearly the fact that, the former have in all grades been hitherto unduly retarded in promotion, that the Honorable the Governor in Council would strongly deprecate the introduction, (certainly in any of the grades above Assistant Engineers) of officers from other provinces; and in the *second*, that a very early acceptance of the Gradation List by the Government of India as now sent up is so desirable (with a view to the promotions being gazetted by the 1st August) that, I am to solicit the favor of sanction to the same being telegraphed as soon as possible after receipt of the present communication.

37. In reference to the desire expressed, paragraph 13 of the letter under reply, that room should be found among the Upper Subordinates for those of this class who were originally transferred from Madras to Mysore, I am to state that this has already been done, and the three who could alone be spared from Mysore (see margin) have already joined this department.

Conductor FitzGibbon, Sub-Engineer, 2nd Grade.
Sergeant Heinig, Sub-Engineer, 3rd Grade.
Conductor Keenan, do. do.

38. I am now to invite attention to the four Divisions which it is proposed, in accordance with the original programme, to constitute with the object of preparing

such projects as mainly fall within the class of *Protective* works, to be executed from the Imperial grant under this head.

39. As a convenience the information called for regarding this subject (paragraph 8 of your letter) giving the list of projects under preparation, and those which it is proposed to prepare during 1882-83, is shown in the Appendix D, regarding which the following general observations will, it is hoped, suffice.

40. Of the four divisions to be formed, one will be exclusively for *Roads and Buildings*, and the rest *Irrigation*, thus :—

Superintending Engineer's Circle.	Designation.	Branch of Department.	Class.	Names of Projects.
First Circle ...	A. Project Division.	Roads and Buildings.	(Imperial) Protective.	(*a*) Ganjam-Gopálpur Canal. (*b*) Road from Sálúr *viâ* Potinghy Ghât to Jagdalpore. (*c*) Buckingham Canal from end of Commamur Canal north to Merkanum south. (*d*) Do. south of Merkanum.
Fourth Circle ...	B. Project Division.	Irrigation	(Imperial) Protective.	(*e*) Baroor Tank. (*f*) Marandahully. (*g*) Vaniar.
Third Circle ...	C. Project Division.	Irrigation ...	(Imperial) Protective.	(*h*) Hindupur Reservoir. (*i*) Roddam do.
Immediately under Chief Engineer for Irrigation.	D. Project Division.	Irrigation ...	(Imperial) Productive and Protective.	(*j*) Complete revised project for Godávari Delta. (*k*) Completion project for the Kistna Delta. (*l*) Perryaur Project. (*m*) Pugalur do.

N.B.—(*c*) and particularly (*d*) will, when the time comes for completing the estimates, be transferred to the Superintending Engineer, Fifth Circle.

41. As regards (A) Division there can be no question, I am to observe, first that the works included in it are each and all of a strictly "*Protective*" character; and, second, that however urgently required, no sums which would allow of their making any adequate progress, can be assigned from unaided Provincial Funds, either during the current or in future years.

42. Allusion has already been made to the Potinghy Ghât (paragraph 18) and its extension westwards through Jeypore towards Bustar and the Central Provinces.

Letter to the Government of India, No. 564 W., dated 21st February 1881.

The want of a trunk road through all this tract, hitherto inaccessible to carts which nevertheless could, if opened out, supply the littoral districts with cheap grain in famine, is acknowledged to be a pressing necessity in a protective sense, and stands much on a par with the proposed railway from Bimlipatam *viâ* Vizianagrum and Raigurh to Raepore. Both will open up vast tracts of country for the supply of cheap grain to the coast, and cannot fail to prove of the highest value for purposes of administration, as also, in all probability, for the encouragement of emigration in the manner advocated by the Finance Minister. It may here be observed parenthetically that no better employment could probably be found for the staff of Railway Engineers which, as stated in paragraph 11, the Government of India will very shortly have thrown on its hands without employ, than by utilizing these officers in preparing the estimate for the line of railway here adverted to (see also the correspondence noted in the margin).

Letter to the Government of India, No. 564 W., dated 21st February 1881.
Do. No. 150 R., dated 15th February 1881.

43. To allow of the works which are in progress on the Potinghy Ghât being pushed on during the current official year, Rs. 75,000 will now, as before observed, be transferred from "Provincial," which cannot afford the amount to "Imperial Protective," the remainder of the 2½ lakhs being taken as a grant for establishment required for investigating the projects specified.

44. As regards the Buckingham Canal and the future extension of the work south of Merkanum, its character as a famine work has been too clearly demonstrated during the last calamity to need any remark here.

45. The works in (B) and (C) Project Divisions also call for no remark, as they strictly come within the classification of "*Protective*."

46. Regarding those included under the (D) Division it may be safely affirmed that they may be classed as Protective in addition to being Productive, the two last on the list belonging more particularly to the former class. It is needless to observe that, however remunerative the Godávari and Kistna Delta Works have proved, the chief incentive under which they were commenced was the necessity, which presented itself to the Government of the day, to do all that lay in its power to counteract the evils of frequently recurring famines in these tracts.

47. Until the Protective works project (with the exception of that for the Potinghy Ghât, which is ready and under execution) have been sanctioned by proper authority it would be out of place to name any specific sum in excess of the 2½ lakhs granted for the current official year from Imperial; but the Honorable the Governor in Council desires to take this opportunity of pressing on the attention of the Government of India the necessity for making assignments in future years, not merely in direct proportion to the contributions of this Presidency towards the Imperial Exchequer, but also in compensation for the long years of neglect under which it has most undeservedly been compelled to suffer, owing to the undue outlay conceded to other more favored provinces.

48. This subject has been already submitted for the consideration of the Government of India in my letter, No. 337 W., dated 8th February 1881, and it will therefore suffice here to observe that this Government consider themselves fully justified in looking for an assignment for Protective works from Imperial of 15 lakhs (to include 2½ or 3 lakhs for establishment) in 1882-83 and an addition of 10 lakhs in each succeeding year till a maximum of 80 lakhs per annum has been attained, as the least that can be given with reference to the large proportion of net revenue (5½ millions sterling per annum) which Madras has been shown to contribute to Imperial income, and as affording some substantial means towards guarding the Presidency in future against the horrors of famine.

49. In general connection with the subject of the normal scale of establishment for this department, I am in conclusion to solicit the decision of the Government of India as to the agency by which the Local Fund Boards' projects are to be supervised so far as concerns the larger class of works for which the machinery at present possessed by them or by the Revenue Board (which deals with their budgets and ordinary assignments for establishments and works) is at present inadequate.

50. Adverting to the correspondence on this subject concluding with my letter, No. 1,034 W., dated 22nd April 1881, I am desired to say that this Government are prepared to accept the arrangement suggested in paragraph 5 of your letter, No. 1,639 G., dated 17th September 1880, by which, in return for a general contribution on the part of Local Fund Boards of Rs. 21,250 per annum, this department would undertake the duties in question without, however, making any personal allowance to the officers to whom such duties may be assigned. The agency now placed at the disposal of the department will admit of the duty being performed in a manner satisfactory alike to Government and the Local Fund Boards.

No. 18. Order thereon, 14th July 1881, No. 1729 W.

The scale and general arrangement into six Superintending Engineers' Circles sanctioned by the Government of India in the letter above printed have been accepted by the Honorable the Governor in Council.

2. For the reasons explained in the letter to the Government of India, No. 1697 W., dated 9th July 1881, the following should be added to the scale thus sanctioned :—

Executive Engineers	4
Assistant do.	4
Upper Subordinates	12

3. The modified normal establishment will then stand as follows :—

Chief Engineers.

First class	1
Second ,, ...	1
Third ,, ...	1
	*3

Superintending Engineers.

First class	2
Second ,, ...	2
Third ,, ...	2
	†6

Executive Engineers.

First grade	10
Second ,, ...	11
Third ,, ...	11
Fourth ,, ...	4
	36

Assistant Engineers.

First grade	26
Second and third grades	21
	47
Upper Subordinates of all grades	185

4. The circles, divisions and sub-divisions with the scale of executive establishment allotted thereto are shown in Appendix A attached to these Proceedings and the financial result of the new organization with the classes of divisions and details of upper subordinate, lower subordinate, petty, and office establishments, are exhibited in Appendix B.

5. Protective works projects now in hand or proposed under paragraph 8 of the letter from the Government of India are shown in Appendix D, which is circulated for information and guidance.

6. Appendix C (not circulated) contains proposals specially referred to the Government of India.

7. Should the final orders of the Government of India be received in time, the new arrangements will, as regards sanctioned scale, come into force with effect from the 1st August, and the redistribution of executive charges will be carried out as soon after that date as practicable.

8. The proposal of the Government of India (paragraph 7) to contribute towards the cost of establishment a sum of 2½ lakhs from the general grant for Protective Public

* Includes one Chief Engineer with personal rank. † Excludes one for the excess in Chief Engineer's class.

Works, as also the question (paragraph 10) of debiting a portion of the charge for Irrigation Establishment against the revenue of the works on which they are engaged are under discussion in separate proceedings.

9. The subject matter of paragraph 11 of the Government of India letter in regard to filling up the vacancies in the new scale is also being separately considered and discussed.

10. As regards the agency by which the larger class of Local Fund projects is to be supervised, the Government have intimated their readiness to accept the arrangement suggested in paragraph 5 of the letter from the Government of India, No. 1639 G., dated 17th September 1880, by which, in return for a general contribution on the part of Local Fund Boards of Rs. 21,250 per annum, the Public Works Department would undertake the duties in question without, however, making any personal allowances to the officers to whom such duties may be assigned. The special allowance hitherto paid will therefore cease on the revised arrangements coming into force.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
„ Superintendents of Works.
To the Consulting Architect to Government.
„ General Superintendent of Public Works Stores.
„ Chief Engineer for Irrigation.
„ Examiner, Public Works Accounts.
„ Consulting Engineer for Railways.
„ Financial, &c., Departments.
„ Revenue Department.
„ Military do.

Exd. E. Fernandez.

GENERAL.
ESTABLISHMENT.

Govt. of (1881) Madras

PUBLIC WORKS.

Dated July, 14*th*.

Recd. *Encl.*

G.O., 14th July 1881, No. 1729 W.

JULY.

RE-ORGANIZATION of the Public Department of the Madras Presidency

SUPERINTENDING ENGINEER'S OFFICE,
~~MADRAS~~,

No. 224 Bellary ~~Chepauk~~, 6 Feby 1885.

From Lt. Col. A. R. Vibart R.E.
~~THE~~ SUPERINTENDING ENGINEER,
~~1st~~ CIRCLE,

To
THE Chief Engineer
&
Secy
to
Govt
Madras

SIR,

Enclosures.
Application.

I have the honor to submit for sanction, the accompanying application for an additional Clerk 4th Class 2d Grade required in the Kurnool Canal Division Office.

2 All the Telegraph Offices on the Kurnool Canal are now open to the public. The Cash accounts of these Offices have to be audited once a week and other Telegraph Accounts as per Licensed Telegraph Code, have to be rendered to the Telegraph Account Check Office at Calcutta.

3. The extra work thus involved cannot well be performed by the present Establishment, which has already heavy work to get through.

I have the honor to be
Sir
Your most obet Servant

D Curfurd Lt Col RE
Superintending Engineer
3rd Circle

Scale of Establishment for the Division Office also the scale of Establishment sanctioned for Sub Divisional Officers, detached Officers and Overseers.

C.

R No 780
11-2-85
Chepauk
11th Feb 85
No 3440
To C

For check as regards present scale

C.J.
7.2.85
D.W.

No 828 of 7th Feby /85
Encl 1
To W.

Checked and found correct.
The mean pay of each appointment has been entered in Column "Average or fixed" instead of the financial value of each appointment as laid down in Section 43(a) of the Pay and Acting Allowance Code. The necessary correction has been made by this office.

2. The entries in Column "Present Scale" show the sanctioned

From

The Superintending Engineer,

3rd ~~1st~~ Circle,

To

The Chief Engineer
P.W.D
Madras

7 FEB 85
RECEIVED

Dated 6th } February 1885.
Recd.

Enclosures.

No. 2246

An additional 4th Class 2nd Grade Clerk for Kurnool Canal Division Office

Submitting for sanction application for ——.

To

application for the proposed increase of Rs.

Letter No. Sanctioning Establishment Government of Madras P.W.D.		Office to which the Superintending refers	Nature of Change								
			Present Scale								
					Pay						
No	Date		No	Designation	Minimum	Increment	Maximum	Average or Fixed	No	Designation
1729 W	16th July/81	Executive Engineer's Office Kurnool Canal Division		Clerks. Kurnool Canal Sub Division						Clerks.
			1	III Class 2nd Grade	60	4	80	70	1	III Class
			1	IV " 1st "	40	2	50	45	1	II
			1	IV " 2nd "	30	2	40	35	1	
									1	
			1	IV " 3rd "	20	2	30	25	1	
			1	IV " 3rd "	20	2	30	25	1	
			1	Messenger				7	1	
			1	Do				6	1	Do
				Alsoper Sub Division						
			1	IV Class 3rd Grade	20	2	30	25	1	IV Class
			1	V " 1st "	15	1	20	17½	1	V "
			1	Messenger				6	1	Messeng
				Central Sub Division						
			1	IV Class 3rd Grade	20	2	30	25	1	IV Class
			1	V " 1st "	15	1	20	17½	1	V "
			1	V " 1st "	15	1	20	17½	1	V "
			1	Messenger				6	1	Messeng
				Lower Sub Division						
			1	IV Class 3rd Grade	20	2	30	25	1	IV Class
			1	IV " 3rd "	20	2	30	25	1	IV "
			1	V " 1st "	15	1	20	17½	1	V "
			1	Messenger				6	1	Messe
								401		

Kurnool
19th January 1885

No. 503. W

P.W. Department

Proceedings of the Madras Government

under date the 6th March/15

Read the following:—

Letter from S.E. III. circle. No. 2214 of 6th July/15

Office note from the Ex. Asst. " 828. of 17th July/15

The entertainment of an additional Clerk III class, 2nd grade in the office of the Executive Engr. Kurnool Canal Dn is sanctioned, as proposed by the Supty. Engineer.

2. This sanction has been registered as Prod. No. 894 W of 1914-15, and

Classified as Establish=
=ment, Permanent.

C.S.

19.2.98

11

5.1.99

11/12

11/13

L.C. III circle
Ex. P.W. accts

L.D./11

503/29

1468

Govt. of 1885 Madras.

PUBLIC WORKS.



G.O. No. 1885, No. 303