20th March 1886, No. 739 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from Lieutenant-Colonel J. L. L. MORANT, R.E., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Gandavaram, 15th February 1886, No. 364 G.L.—Through the Examiner, Public Work Accounts :—

I have the honor to forward, herewith, for your approval and sanction of Government, a statement of temporary establishment required for general and water-regulation purposes of the department in the six divisions of this Circle during 1886-87, in form No. M. 184.

2. The enclosed statement is prepared only for the office establishment, &c., required, as the upper subordinate establishment is generally supplied to each Circle according to the exigencies of the Government service, a definite scale for which was promised in G.O., No. 922 W., of the 18th April 1885.

3. The following is the abstract of the temporary establishment applied for for 1886-87.

Division.	For the Whole Year.		For certain Months during the Year.		Total.
	General.		General.	Water-regulation.	
	Per mensem.	Per annum.			
	Rs.	Rs.	Rs.	Rs.	Rs.
Kistna Eastern	135	1,620	..	102	1,722
Kistna Western	55	660	..	492	1,152
Gudivada	541	6,492	816	114	7,422
Nellore	74	888	..	1,134	2,022
Sangam Project	145½	1,746	3,438	96	5,280
Buckingham Canal	200	2,400	63	..	2,463
Total ..	1,150½	13,806	4,317	1,938	20,061

The total of the temporary establishment applied for for 1886-87 is less than the existing sanctions by Rs. 5,594, as noted below :—

	Rs.
Under permanent establishment, less	5,154
Do. temporary do.	440
Do. water-regulation do.	..
Total, less ...	5,594

4. Under "General Establishment," there are no changes in the three Kistna divisions calling for special remark. In the Nellore division, provision has been made for the office establishment of the Assistant Engineer, &c., recently sent to that division for completing the Project works recently sanctioned by the Secretary of State. In the Sangam Project division, some of the posts sanctioned in 1885-86 for the whole year have been transferred to the head "For certain months during the year," as it is proposed to dispense with those posts during the next year. In the Buckingham Canal division, two more storekeepers for the other two sub-divisions and the continuation, during the next year, of the services of the three assistant clerks, on Rs. 15 each, intended for the three sub-divisions are proposed. Of the above three clerks, two have been sanctioned this year for a few months, and the sanction of Government to the entertainment of the third has been applied for. The temporary sub-overseer sanctioned in November 1885 is proposed to be kept on during the next year. A lascar for watching stores and materials at the Madras basin is also recommended. The survey establishment applied for for the Sangam project and Gudivada divisions is also necessary and is therefore recommended.

5. Under "Water regulation," the establishment applied for for next year is just the same as that sanctioned for this year, except a few alterations in the salaries of the channel superintendents attached to the Nellore division, the saving on which has been utilised in augmenting the number of lascars. The total for the division remains unaltered.

ENCLOSURE.

STATEMENT of Temporary Office Establishment required for General and Water Regulation purposes of the Department in the several Divisions of the II Circle during the Official Year 1886-87.

Orders sanctioning present Establishment, Government of Madras, Public Works Department.		Office to which proposition refers.	NATURE OF CHARGE.																		
			Present Scale.						Proposed Scale.						PROPOSITION.						
															Permanent.		Temporary.				
					Pay.						Pay.				Increase per Month.	Decrease per Month.	Increase per Month.		Decrease per Month.		
No.	Date.		No.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	No.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.	
				FOR THE WHOLE YEAR.						FOR THE WHOLE YEAR.											
				General.	RS.	RS.	RS.	RS.		*General.*	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.	
922 W.	18th April 1885.	Kistna Eastern Division.	1	Assistant Accountant ..	..	..	..	40	1	Assistant Accountant ..	..	..	..	40	..	..	..	..	..	..	
			1	Clerk, Northern Sub-division ..	..	..	..	20	1	Clerk, Northern Sub-division ..	..	..	..	20	..	..	..	..	..	..	
			1	Do. Southern do. ..	..	..	..	20	1	Do. Southern do. ..	..	..	..	20	..	..	..	..	..	..	
			1	Do. Head-Quarter do. ..	..	..	..	20	1	Do. Head-Quarter do. ..	..	..	..	20	..	..	..	..	..	..	
			1	Draftsman, Division office ..	..	..	..	35	1	Draftsman Division office ..	..	..	..	35	..	..	..	..	..	..	
			1	Clerk	..	..	..	15	1	.....	..	..	..	..	..	..	..	..	..	..	
			1	Lascar	..	..	..	6	1	.....	..	..	..	..	..	..	..	..	..	15	
922 W.	18th April 1885.	Kistna Western Division.	1	Clerk, Western Sub-division ..	..	..	..	20	1	Clerk, Western Sub-division ..	..	..	..	20	..	..	..	..	..	15	
			1	Do. Division office ..	..	..	..	15	1	Do. Division office ..	..	..	..	15	..	..	..	..	..	6	
			1	Draftsman	..	..	..	20	1	Draftsman	..	..	..	20	..	..	..	..	..	..	
			1	Clerk, 3rd class, 2nd grade ..	..	..	..	60	1	Clerk, 3rd class, 2nd grade ..	..	..	..	20	..	..	..	..	..	..	
			1	Do. 4th class, 1st do. ..	..	..	..	40	1	Do. 4th class, 1st do. ..	..	..	..	60	..	..	..	..	..	..	
			1	Do. do. 2nd do ..	..	..	..	30	1	Do. do. 2nd do. ..	..	..	..	40	..	..	..	..	..	..	
			2	Do. do. 3rd do. ..	..	..	..	40	2	Do. do. 3rd do. ..	..	..	..	30	..	..	..	..	..	..	
			1	Do. 5th class, 1st do. ..	..	..	..	15	1	Do. 5th class, 1st do. ..	..	..	..	40	..	..	..	..	..	..	
			1	Draftsman, 1st grade ..	..	..	..	50	1	Draftsman, 1st grade ..	..	..	..	15	..	..	..	..	..	..	
922 W.	18th April 1885.	Gudivada Division.	1	Do. 3rd do. ..	..	..	..	20	1	Do. 3rd do. ..	..	..	..	50	..	..	..	..	..	..	
			1	Messenger	..	..	..	7	1	Messenger	..	..	..	20	..	..	..	..	..	..	
			1	Do.	..	..	..	6	1	Do.	..	..	..	7	..	..	..	..	..	..	
			2	Clerks for Sub-divisions ..	..	..	..	40	2	Clerks for Sub-divisions ..	..	..	..	6	..	..	..	..	..	..	
			2	Messengers for do. ..	..	..	..	12	2	Messengers for do. ..	..	..	..	40	..	..	..	..	..	..	
			2	Clerks for Overseers	..	..	..	30	2	Clerks for Overseers	..	..	..	12	..	..	..	..	..	..	
			1	Storekeeper	..	..	..	25	1	Storekeepers	..	..	..	30	..	..	..	..	..	..	
			3	Lascars for Division office ..	..	..	..	18	3	Lascars for Division office ..	..	..	..	25	..	..	..	..	..	..	
			6	Do. for two Sub-divisions ..	..	..	..	36	6	Do. for two Sub-divisions ..	..	..	..	18	..	..	..	..	..	..	
			2	Do. for two Overseers ..	..	..	..	12	2	Do. for two Overseers ..	..	..	..	36	..	..	..	..	..	..	
														12	..	..	..	..	..	..	
		Nellore Division.	1	Clerk in Division office	..	..	..	15	1	Clerk in Division office	..	..	..	15	..	..	..	..	..	..	
				....	..	..	..	..	1	Do. to Assistant Engineer ..	..	..	..	20	..	..	..	20	..	..	
	18th April			....	..	..	..	..	1	Clerk to temporary Overseer ..	..	..	..	15	..	..	..	15	..	..	
922W	1885.			....	..	..	..	..	2	Lascars to Assistant Engineer ..	..	..	..	12	..	..	..	12	..	..	
				....	..	..	..	..	1	Do. to temporary Supervisor ..	..	..	..	6	..	..	..	6	..	..	
				....	..	..	..	..	1	Do. to temporary Overseer ..	..	..	..	6	..	..	..	6	..	..	
			1	Surveyor	..	..	..	100													100
			6	Lascars	..	..	..	36													36
			2	Overseers for cooly camps ..	..	..	..	60													60
			1	Assistant Apothecary with staff pay.	..	..	..	140													140
			2	Cooks	..	..	..	14													14
			12	Lascars	..	..	..	72		The actual requirements for the year have been included under "For certain months during the year."											72
			20	Scavengers	..	..	..	100													100
			2	Scavenger maistries	..	..	..	20													20
922W	18th April 1885.	Sangam Project Division.	1	Clerk, Division office ..	..	..	..	20													20
			2	Clerks do.	..	..	..	30													30
			1	Clerk	..	..	..	15													15
			1	Gardener	..	..	..	6													6
			4	Watchmen	..	..	..	24	2	Watchmen	..	..	..	12	..	..	..	..	..	..	12
			1	Store-keeper	..	..	..	25	1	Store-keeper	..	..	..	25	..	..	..	..	..	..	
			1	Agent for the Project	..	..	..	15	1	Agent for the project	..	..	..	15	..	..	..	..	..	..	
			1	Lascar	..	..	..	6	1	Lascar	..	..	..	6	..	..	..	..	..	..	
			1	Cashier for the Kanigiri Sub-division.	..	..	..	40	1	Cashier for the Kanigiri Sub-division.	..	..	..	40	..	..	..	..	..	..	
2885W	3rd Dec. 1885.		1	Clerk, 4th Class, 1st grade ..	40	2	50	40	1	Clerk	40	2	50	40	..	..	..	..	..	..	
2846W	27th Nov. 1885.	Buckingham Canal Division.	1	Storekeeper	..	..	..	12	3	Store-keepers	..	..	..	36	..	..	..	24	..	..	
			3	Clerks for Overseers	..	..	..	45	3	Clerks for Overseers	..	..	..	45	..	..	..	..	..	..	
			3	Lascars for Overseers	..	..	..	18	3	Lascars for Overseers	..	..	..	18	..	..	..	..	..	..	
			1	Clerk for Division office	..	..	..	15	1	Clerk for division office	..	..	..	15	..	..	..	..	..	..	
				....	..	..	..	..	1	Lascar for watching stores and materials at the Madras basin.	..	..	..	6	..	..	..	6	..	..	
2846W	27th Nov. 1885.			Brought forward from under the head "For certain months during the year."	..	..	..	..	2	*Clerks for Madras* and Ramayapatam Sub-divisions.	..	..	..	30	..	..	..	30	..	..	
2846W	27th Nov. 1885.			Applied for in this office letter to the Chief Engineer, Public Works department, No. 470 B.C., of 16th January 1886.	..	..	..	..	1	Clerk for Iskápalle Sub-division ..	..	..	..	15	..	..	..	15	..	..	
2586W	4th Nov. 1885.			Brought forward from under the head "For certain months during the year."	..	..	..	..	1	Sub-overseer, 2nd grade	..	..	..	35	..	..	..	35	..	..	
				Total ..	..	..	..	1,520		Total ..	..	..	..	1,043	..	..	..	169	..	646	
				Total for the whole year ..	..	..	..	18,240		Total for the whole year ..	..	..	..	12,516	..	..	..	2,028	..	7,752	
				FOR CERTAIN MONTHS DURING THE YEAR.						FOR CERTAIN MONTHS DURING THE YEAR.											
			1	Superintendent of plant	..	..	..	200		....	..	..	..	..	..	..	..	..	7	200	
			1	Workshop writer	..	..	..	15	1	Workshop writer	..	..	..	15	..	..	..	..	..	..	
922W	18th April 1885.	Sangam Project Division.							1	Carpenter maistry	..	..	..	30	..	..	7	30	..	..	
									1	Overseer for cooly camps	..	..	..	30	..	..	7	30	..	..	
									2	Watchmen	..	..	..	12	..	..	7	12	..	..	
				Brought forward from under the head "For the whole year."	..	..	..	..	1	Hospital Assistant	..	..	..	35	..	..	7	35	..	..	
									2	Cooks	..	..	..	14	..	..	7	14	..	..	
									9	Lascars	..	..	..	54	..	..	7	54	..	..	
									18	Scavengers	..	..	..	90	..	..	7	90	..	..	
									1	Scavenger maistry	..	..	..	10	..	..	7	10	..	..	
				Total ..	..	..	..	215		Total ..	..	..	..	290	..	..	..	275	..	200	
				Total for seven months ..	..	..	..	1,505		Total for seven months ..	..	..	..	2,030	..	..	..	1,925	..	1,400	

Statement of Temporary Office establishment required for General and Water Regulation purposes of the Department, &c.—(*Continued*).

Orders sanctioning present Establishment, Government of Madras, Public Works Department.		Office to which proposition refers.	Nature of charge.								Proposition.					
			Present Scale.					Proposed Scale.					Permanent.		Temporary.			
					Pay.					Pay.			Increase per Month.	Decrease per Month.	Increase per Month.		Decrease per Month.	
No.	Date.		No.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	No.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
				For certain months during the year—(*Continued*).	Rs.	Rs.	Rs.	Rs.		For certain months during the year—(*Continued*).	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
				General—(Continued).						*General*—(Continued).										
922-W	18th April 1885.	Sungum Project Division—*contd.*	1	Fitter	..	..	..	40	1	Fitter	..	..	..	40	..	..	..	..	3	40
				Total for seven months ..	..	..	..	280		Total for four months ..	..	..	..	160	..	..	..	..	..	120
837-W	4th April 1885.		1	Surveyor	..	..	..	80	1	Surveyor	..	..	..	80	..	..	8	80	7	80
			6	Lascars	..	..	..	36	6	Lascars	..	..	..	36	..	..	8	36	7	36
			1	Draftsman	..	..	..	40	1	Draftsman	..	..	..	40	..	..	8	40	7	40
			1	Do.	..	..	..	40		....	..	..	..	..	..	..	..	..	7	40
				Total ..	..	..	..	196		Total ..	..	..	..	156	..	..	8	156	7	196
				Total for seven months ..	..	..	..	1,372		Total for eight months ..	..	..	..	1,248	..	..	..	1,248	..	1,372
2413-W	24th October 1885.		12	Survey lascars	..	..	..	72		....	..	..	..	..	..	..	..	..	2	72
				Total for two months ..	..	..	..	144			..	..	..	..	..	..	..	..	..	144
209-W	25th January 1886.	Gudivada Division.	1	Surveyor	..	..	..	100	1	Surveyor	..	..	..	100	..	..	..	..	..	..
			6	Lascars	..	..	..	36	6	Lascars	..	..	..	36	..	..	..	..	..	..
				Total ..	..	..	..	136		Total ..	..	..	..	136	..	..	..	..	..	..
				Total for five months ..	..	..	..	680		Total of six months ..	..	..	..	816	..	..	..	136	..	..
2846-W	27th Nov. 1885.	Division.	1	Draftsman for southern Sub-division.	..	..	..	20			..	..	..	..	..	..	..	..	4	20
				Total for four months ..	..	..	..	80			..	..	..	..	..	..	..	..	..	80
			6	Wharf clerks	..	..	..	60			..	..	..	..	..	..	..	..	3	60
			6	Do. lascars	..	..	..	30			..	..	..	..	..	..	..	..	3	30
				Total ..	..	..	..	90			..	..	..	..	..	..	..	..	..	90
				Total for three months ..	..	..	..	270			..	..	..	..	..	..	..	..	..	270
			2	Clerks for Madras and Ramayapatam Sub-divisions.	..	..	..	30		Provided for under the head "For the whole year."	..	..	..	..	..	..	..	..	5	30
				Total for five months ..	..	..	..	150											..	150
2586-W	4th Nov. 1885.	Buckingham Canal		Applied for in this office letter No. 470 BC. of 16th January 1884, to the Chief Engineer, Public Works Department.	..	..	..	..	1 1	Clerk for temporary Overseer	..	..	..	15 6	..	..	3 3	15 6	..	..
										Lascar										
										Total ..	..	..	..	21	..	..	..	21	..	..
										Total for three months ..	..	..	..	63	..	..	..	63	..	..
			1	Sub-Overseer, 2nd Grade	..	..	..	35		Provided for under the head "For the whole year."	..	..	..	..	..	..	..	..	4	35
				Total for four months ..	..	..	..	140		Total for four months ..	..	..	..	..	..	..	..	..	..	140
				Total for certain months during the year.	..	..	..	4,621		Total for certain months during the year.	..	..	..	4,317	..	..	..	3,372	..	3,676
				Water Regulation.						Water Regulation.										
				Kistna Delta System.						*Kistna Delta System.*										
922-W	18th April 1885.	Eastern Division.		Komatigunta weir—						Komatigunta weir—										
			1	Lascar	..	..	..	6	1	Lascar	..	..	..	6	..	..	..	..	..	..
				Wuyyur weir—						Wuyyur weir—										
			1	Lascar	..	..	..	6	1	Lascar	..	..	..	6	..	..	..	..	..	..
			1	Do.	..	..	..	5	1	Do.	..	..	..	5	..	..	..	..	..	..
				Aramanda calingula—						Aramanda calingula—										
			1	Superintendent	..	..	..	10	1	Superintendent	..	..	..	10	..	..	..	..	..	..
			3	Lascars	..	..	..	18	3	Lascars	..	..	..	18	..	..	..	..	..	..
922-W	18th April 1885.	Kistna Western Division.		Pundla and Pandrapad head-sluices—						Pundla and Pandrapad head-sluices—										
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	12	..	..	..	..	..	..
				Malapalam escape—						Malapalem escape—										
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	12	..	..	..	..	..	..
				Sakikalva escape—						Sakikalva escape—										
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	12	..	..	..	..	..	..
				Alleru surplus sluice—						Alleru surplus sluice—										
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	12	..	..	..	..	..	..
				Penumudi surplus sluice—						Penumudi surplus sluice—										
			1	Lascar	..	..	..	6	1	Lascar	..	..	..	6	..	..	..	..	..	..
922-W	18th April 1885.	Gudivada Division.		Moparru weir on Budameru—						Moparru weir on Budameru—										
			1	Lascar	..	..	..	8	1	Lascar	..	..	..	8	..	..	..	..	..	..
			1	Do.	..	..	..	6	1	Do.	..	..	..	6	..	..	..	..	..	..
			1	Do.	..	..	..	5	1	Do.	..	..	..	5	..	..	..	..	..	..
				Total ..	..	..	..	118		Total ..	..	..	..	118	..	..	..	..	..	..
				Total for six months ..	..	..	..	708		Total for six months ..	..	..	..	708	..	..	..	..	..	..
				Total, Kistna Delta system ..	..	..	..	708		Total, Kistna Delta system ..	..	..	..	708	..	..	..	..	..	..

Statement of Temporary Office Establishment required for General and Water Regulation purposes of the Department, &c.—(*Continued*).

Orders sanctioning present Establishment, Government of Madras, Public Works Department.		Office to which proposition refers.	Nature of charge.								Proposition.					
			Present scale.					Proposed scale.					Permanent.		Temporary.			
				Pay.					Pay.				Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
No.	Date.		No. Designation.	Minimum.	Increment.	Maximum.	Average of fixed.	No. Designation.	Minimum.	Increment.	Maximum.	Average of fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
				Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.
922 W.	18th April 1885.	Nellore Division.	Water Regulation—(*Continued*).					Water Regulation—(*Continued*).										
			Pennér Anicut system.					*Pennér Anicut system.*										
			Sarvepalli branch channel—					Sarvepalli branch channel—										
			1 Superintendent	..	..	..	10	1 Superintendent	..	..	..	7	..	3	..	..	..	..
			Lebur branch channel—					Lebur branch channel—										
			1 Superintendent	..	..	..	10	1 Superintendent	..	..	..	8	..	2	..	..	..	..
			5 Lascars	..	..	..	25	7 Lascars	..	..	..	35	10	..	..	..	..	..
			Idur branch channel—					Idur branch channel—										
			1 Superintendent	..	..	..	12	1 Superintendent	..	..	..	8	..	4	..	..	..	..
			4 Lascars	..	..	..	20	4 Lascars	..	..	..	20	..	..	..	..	..	..
			Kristnapatam branch channel—					Kristnapatam branch channel—										
			1 Superintendent	..	..	..	8	1 Superintendent	..	..	..	8	..	..	..	..	..	..
			5 Lascars	..	..	..	25	4 Lascars	..	..	..	20	..	5	..	..	..	..
			Vollur branch channel—					Vollur branch channel—										
			2 Lascars	..	..	..	10	2 Lascars	..	..	..	10	..	..	..	..	..	..
			Idagali branch channel—					Idagali branch channel—										
			1 Superintendent	..	..	..	8	1 Superintendent	..	..	..	7	..	1	..	..	..	..
			2 Lascars	..	..	..	10	3 Lascars	..	..	..	15	5	..	..	..	..	..
			Total ..	..	..	..	138	Total ..	..	..	..	138	15	15	..	..	..	..
			Total for seven months ..	..	..	..	966	Total for seven months ..	..	..	..	966	15	15	..	..	..	..
			Nellore Tank head-sluice—					Nellore Tank head-sluice—										
			1 Superintendent	..	..	..	7	1 Superintendent	..	..	..	7	..	..	..	..	..	..
			2 Lascars	..	..	..	10	2 Lascars	..	..	..	10	..	..	..	..	..	..
			Total ..	..	..	..	17	Total ..	..	..	..	17	..	..	..	..	..	..
			Total for four months ..	..	..	..	68	Total for four months ..	..	..	..	68	..	..	..	..	..	..
			Total, Pennér Anicut system ..	..	..	..	1,034	Total, Pennér Anicut System ..	..	..	..	1,034	15	15	..	..	..	..
922 W.	18th April 1885.		Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept, Chennur channel head-sluice—					Irrigation and Navigation Works for which neither Capital nor Revenue Accounts are kept, Chennur channel head-sluice—										
			3 Lascars	..	..	..	15	3 Lascars	..	..	..	15	..	..	..	..	..	..
			Mahimalur Tank Head-sluice—					Mahimalur Tank Head-sluice—										
			2 Lascars	..	..	..	10	2 Lascars	..	..	..	10	..	..	..	..	..	..
			Total ..	..	..	..	25	Total ..	..	..	..	25	..	..	..	..	..	..
			Total for four months ..	..	..	..	100	Total for four months ..	..	..	..	100	..	..	..	..	..	..
			Total, Irrigation and Navigation Works ..	..	..	..	100	Total, Irrigation and Navigation Works ..	..	..	..	100	..	..	..	..	..	..
			Sangam Anicut System.					*Sangam Anicut System.*										
922 W.	18th April 1885.	Sangam Project Division.	Kanigiri tank—					Kanigiri tank—										
			2 Lascars	..	..	..	12	2 Lascars	..	..	..	12	..	..	..	..	..	..
			Duvvur tank—					Duvvur tank—										
			2 Lascars	..	..	..	12	2 Lascars	..	..	..	12	..	..	..	..	..	..
			Total ..	..	..	..	24	Total ..	..	..	..	24	..	..	..	..	..	..
			Total for four months ..	..	..	..	96	Total for four months ..	..	..	..	96	..	..	..	..	..	..
			Total, Sangam Anicut System ..	..	..	..	96	Total, Sangam Anicut System ..	..	..	..	96	..	..	..	..	..	..
			Total, Water Regulation ..	..	..	..	1,938	Total, Water Regulation ..	..	..	..	1,938	15	15	..	..	..	..

Endorsement on the above.

No. 593 S.E. 2nd.

Forwarded to the Chief Engineer, Public Works Department, for favor of disposal, with the entries in column "Present Scale" of proposition statement duly checked. In G.O., No. 209 W., dated 25th January 1886, sanction was accorded to certain temporary establishment for 5 months, while in the proposition statement it is entered as having been sanctioned for 6 months. The decreases on account of temporary establishment have been entered under *permanent* instead of under *temporary*.

9th March 1886.

(Signed) D. C. GORDON,
Examiner, Public Works Accounts.

Order—dated 20th March 1886, No. 739 W., Public Works.

The statement of temporary establishment required in the II Circle during 1886-87 for general and water-regulation purposes, is sanctioned; but the provision made therein for an accountant has been struck out as one has been separately provided for.

2. This sanction has been registered as Provincial, No. 70 W. of 1885-86, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated March, 20th.

Read. *Encl.*

G.O., 20th Mar. 1886, No. 739 W.

MARCH.

Establishment

The temporary — required in the II Circle during 1886-87, for general and water-regulation purposes, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From Superintending Engineer, II Circle, dated 19th September 1886, No 550 S.G.

ABSTRACT.—Forwarding, for approval and sanction of Government, revised statement for the Irrigation conservancy establishment of Sangam project division.

Endorsement by the Examiner, Public Works Accounts, dated 2nd Oct. 1886, No. 287 S.E.

No. 85 E.W.

Note by the Chief Engineer for Irrigation.

The undersigned does not consider it desirable to give regularly progressive pay to the anicut, delta and channel superintendents ; the pay should be fixed for the time being with the understanding that it may be raised from time to time in accordance with individual qualifications.

2. The scale proposed by the Superintending Engineer has therefore been altered by the entry of Rs. 60 as the pay of the anicut and delta superintendents, and Rs. 40 and 25 for the two channel superintendents, making the total of the proposed scale Rs. 6,060 instead of Rs. 6,600.

3. A revised proposition statement is submitted for the sanction of Government.

4. With these alterations the proposed scale is approved and recommended for sanction with effect from 1st April next.

CHEPÂK, (Signed) J. PENNYCUICK, Lieut.-Col., R.E.,
20th October 1886. Offg. Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

ENCLOSURE.

II CIRCLE. PUBLIC WORKS DEPARTMENT. SANGAM PROJECT DIVISION.

STATEMENT of proposition for revision of the Irrigation Conservancy Establishment.

Order sanctioning the Present Establishment. Government of Madras, Public Works Dept.		Office to which the proposition refers.	Nature of change.								Proposition.						Remarks by Local Government.
			Present scale.					Proposed scale.									
					Pay.					Pay.			Permanent.		Temporary.			
Number.	Date.		Number.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Number.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Increase per month. Amount.	Decrease per month. Amount.	Increase per month. Period.	Increase per month. Amount.	Decrease per month. Period.	Decrease per month. Amount.	
				Permanent.	RS.	RS.	RS.	RS.		*Permanent.*	RS.	RS.	RS.	RS.	RS.	RS.	MHS.	RS.	MHS.	RS.	
No. 2364 W.	10th October 1885.	Sangam Project Division, Water Regulation Establishment.	1	Anicut Superintendent.	60	4	80	75	1	Anicut Superintendent.	..	..	..	60	..	..	..	..	..	..	
			1	Tank do. ..	40	4	60	55	1	Delta do. ..	..	..	..	60	..	..	..	..	..	..	
			1	Channel do. ..	..	..	..	40	1	Channel do. ..	..	..	..	40	..	..	..	..	..	..	
			1	Do. do. ..	..	..	..	30	1	Do. do. ..	..	..	..	25	..	..	..	..	..	..	
			1	Clerk	..	..	..	15	1	Clerk, 5th class, 1st grade.	15	1	20	18 5/6	..	..	..	..	..	..	
			4	Lascars at Rs. 8 each ..	..	..	..	32	1	Do. ..	15	1	20	18	..	..	..	..	..	..	
			4	Do. 7 ,, ..	..	..	..	28	1	Do. 2nd grade	10	1	15	13 3/4	..	..	..	..	..	..	
			16	Do. 6 ,, ..	..	..	..	96	1	Do. ..	10	1	15	13 3/4	..	..	..	..	..	..	
									1	Tank Superintendent ..	..	..	..	15	..	..	..	..	..	..	
									2	Lascars at Rs. 8 each ..	..	..	..	16	..	..	..	..	..	..	
									5	Do. 7 ,, ..	..	..	..	35	..	..	..	..	..	..	
									20	Do. 6 ,, ..	..	..	..	120	..	..	..	..	..	..	
				Total ..	..	..	..	371		Total ..	..	..	..	436	65	..	..	..	..	..	
				Total per annum ..	..	..	..	4,452		Total per annum ..	..	..	..	5,232	780	..	..	..	..	..	
				Temporary.						*Temporary.*											
				Kanigiri tank—					14	Lascars at Rs. 6 each ..	..	..	..	84	..	..	..	..	..	..	
			2	Lascars at Rs. 6 each, Duvvur tank ..	..	..	..	12		Total for 9 months from about the 1st July each year	..	..	..	756	..	..	..	..	..	..	
			2	Lascars at Rs. 6 each ..	..	..	..	12	3	Lascars at Rs. 6 each ..	..	..	..	18	..	..	..	..	..	..	
								24		Total for four months from October to January	..	..	..	72	..	..	..	..	..	..	
				Total for four months ..	..	..	..	96		Total ..	..	..	..	828	..	..	..	732	..	..	
										Grand Total ..	..	..	..	6,060	..	..	..	..	..	..	
									..	Deduct present scale ..	..	..	..	4,548	..	..	..	..	..	..	
				Grand Total ..	..	..	..	4,548		Increase ..	..	..	..	1,512	..	..	..	..	..	..	

(Signed) J. P. DAVIDSON,
for Chief Engineer for Irrigation.

10TH NOVEMBER 1886, No. 2950 W., PUBLIC WORKS.

ORDER—dated 10th November 1886, No. 2950 W., Public Works.

The statement of conservancy establishment (permanent and temporary) required in the Sangam project division is sanctioned, as revised by the Chief Engineer for Irrigation, and registered as Provincial, No. 48 W. of 1886-87.

2. The increase of 65 per mensem, under permanent establishment, will be met from savings from the general establishment.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated November, 10th.

Read. *Encl.*

G.O., 10th Nov. 1886, No. 2950 W.

NOVEMBER.

Establishment

Sanctioning a statement of conservancy —, permanent and temporary, required in the Sangam project division.

Public Works Department.

No. 91 C dated 12th January 1887.

M E M O R A N D U M.

The reduced grant for Public Works establishment sanctioned for 1887 - 88 having made it impracticable to make any provision in the preliminary issue of the Provincial budget for that year for temporary establishment, Superintending Engineers are requested to give notice to all temporary officers, subordinates and other temporary employes in their respective circles that their services will be dispensed with at the end of February 1887. Care should be taken that each individual receives a full month's warning.

2. Upper subordinates of the permanent establishment holding temporary engineerships will revert to their permanent positions on 1st March 1887.

3. Further specific orders dispensing with the services of temporary employes will issue hereafter, but Superintending Engineers will consider at once what arrangements can be made to redistribute the permanent establishment, under all heads, in their respective circles, so as to provide in the most efficient manner possible for the conduct of work. Superintending Engineers should be prepared to submit their reports on this subject with the least possible delay when

called

called upon to do so.

Signed J. C. Hasted Colonel R.E.

Chief Engineer P. W. D.

To

The Suptg. Engineers.
Suptg. Engineer T. M. Scheme.
Consg. Archt. to Govt.
Examiner P. W. Accts, for guidance, with respect to temporary employes in his office.
Chief Engineer for Irrigation for information.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From G. T. WALCH, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 23rd November 1886, No. 2028 G.D. :—

I have the honor, herewith, to submit a proposition statement in the prescribed form for sanction for the increase of river conservancy establishment in the Godávari district.

2. The two superintendents and the eight lascars who were sanctioned several years ago have been employed in the Godávari Eastern and Western divisions on the river embankments, for which they were sanctioned. The superintendent and the lascar now applied for are specially required for looking after the first 17 miles of the Gowtami right bank and of the Vasista left bank, in the Godávari Central division, which do not lie quite close to canals. These embankments have hitherto been looked after by an establishment paid from an estimate specially sanctioned for the purpose from the amount allotted for river embankments, but this seems to me not to be the proper course to adopt.

No. 217.

Note by the Chief Engineer for Irrigation.

The establishment in question is, I think, necessary, and if the general principle of charging such expenditure to Establishment is accepted, the proposals should be sanctioned.

2. I think, however, that the principle is of very doubtful soundness; the work done seems to me to come more legitimately under the head of "Works" and I see no reason why it should not continue to be so charged.

3. I have always been of opinion that a large quantity of our existing conservancy establishment should be charged to "Works"; all those in fact who are engaged in actual maintenance, such as bankers, &c., and in working of sluices, locks, &c., only such men as superintendents being charged to "Establishment."

4. I am much more disposed to restrict the debits to Establishment than to extend them; but of course if it be accepted as a general principle that such charges as those under consideration come under that head, the particular proposal in question is correct.

(Signed) J. PENNYCUICK, Lieut.-Col., R.E.,
Offg. Chief Engineer for Irrigation.

9th December 1886.

Office note from the Examiner, Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 17th December 1886, No. 654.

Your office note No. 4406 C., dated 10th instant.

The classes of Irrigation employés chargeable as "Establishment" are given in Code paragraph 20, but I am unable to say what their functions and duties are.

2. For the conditions under which establishment may be charged to Works, see Code paragraph 935; but I doubt if these rules are meant to apply to conservancy establishments, or any establishments entertained as part of the regular staff of a project or scheme in full operation.

Order—dated 7th January 1887, No. 24 W., Public Works.

The conservancy establishment mentioned in the statement submitted by the Superintending Engineer, I Circle, may be charged to Works, in accordance with previous practice.

2. The note by the Chief Engineer for Irrigation will be communicated to all Superintending Engineers, who will report whether any portion of the petty establishments employed in their circles, and now charged to the head "Establishment" can legitimately be charged to "Works."

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
,, other Superintending Engineers.
,, the Chief Engineer for Irrigation.
,, the Examiner, Public Works Accounts.

Exd. P. L. Pereira.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated January, 7th.

Recd. *Encl.*

G.O., 7th Jan. 1887, No. 24 W.

JANUARY.

Conservancy Establishments

The conservancy establishment required for the Gowtami right bank and the Vasista left bank, in the Godávari Central division, to be charged to Works as usual; Superintending Engineers to report whether any portion of the petty establishments in their circles now charged to Establishment can legitimately be charged to Works.

Statement of Temporary Establishment required for Water regulation purposes of the Department in the several Divisions of the 2nd Circle during the official year 1887-88

Order sanctioning present Establishment Govt of Madras P. W. D.	Office to which the proposals refer	Nature of change				Proposition					
		Present scale			Proposed scale	Permanent		Temporary			
						Increase per month	Decrease per month	Increase per month		Decrease per month	
No	Date	No	Designation	Pay	No	Designation	Pay	Amount	Amount	Period	Amount	Period	Amount
			Water Regulation			Water Regulation							
			Kistna Delta System			Kistna Delta System							
739 W	20-3-86	-	Wuyyur Weir			Wuyyur Weir							
	Kistna Canals Division	1	Lascar		6/	1 Lascar		6					
		1	- do		5/	1 do		5					
739 W	20-3-86	1	Aramanda Calingulah Superintendent		10/	Aramanda Calingulah						6	10
		3	Lascars		18/	3 Lascars		18					
			Pundla & Pandrapad Head Sluices			Pundla & Pandrapad Hd. Sluices							
	Kistna Western Division	2	Lascars		12/	2 Lascars		12					
			Mulapalem Escape			Mulapalem Escape							
		2	Lascar		12/	2 Lascars		12					
			Sakikalva Escape			Sakikalva Escape							
		2	Lascars		12/	2 Lascars		12					
			Allèru Surplus Sluice			Allèru Surplus Sluice							
		2	Lascars		12/	2 Lascars		12					
			Penumudi Surplus Sluice			Penumudi Surplus Sluice							
		1	Lascar		6/	1 Lascar		6					
						Total		83				6	10
						Total for 6 months		498					60
739 W	20-3-86		Komatigunta Weir			Komatigunta Weir							
					6/	1 Lascar		6				½	6
						Moparru Weir on Budamèru							
	Divi	1	Lascar		8/	1 Lascar		8				½	8
		1	do		6/	"		"				6	6
	Gudivada	1	do		5/	1 Lascar		5				½	5
						Marrivada Weir							
						1 Lascar		6		5½	6		
			Total			Total		25		5½	6	{⅙ 19/6}	
			Total for 6 months		118/	Total for 5½ months		137½		"	33	"	45½
			Total		708/	Grand total		635½		"	33	"	105½
			Total Kistna Delta System		708 X	Total Kistna Delta System		635½		"	33		105½
			Penner Anicut System			Penner Anicut System							
739 W	20-3-86		Survapalli Branch Chl.			Survapalli Branch Chl.							
		1	Superintendent		7/	1 Superintendent		7					
			Lèbur Branch Chanl.			Lèbur Branch Chl.							
		1	Superintendent		8/	1 Superintendent		8					
		7	Lascars		35/	7 Lascars		35					
			Idur Branch Channel			Idur Branch Channel							
		1	Superintendent		8/	1 Superintendent		8					
		4	Lascars		20/	4 Lascars		20					
			Kristnapatam Branch Chl.			Kristnapatam Branch Chl.							
	Nellore Division	1	Superintendent		8/	1 Superintendent		8					
		4	Lascars		20/	4 Lascars		20					
			Carried over		106/	Carried over		106					

739 W 20-3-86

Nellore Division (Continued)

	Brought forward	106	Brought forward		106
	Vollur Branch Chanel		Vollur Branch Chanel		
2	Lascars	10	Lascars		10
	Idagali Branch Chanel		Idagali Branch Chl.		
1	Superintendent	7	Superintendent		7
3	Lascars	15	Lascars		15
	Total	138	Total		138
	Total for 7 months	966	Total for 7 months		966
	Nellore Tank Head Sluice		Nellore Tank Head Sluice		
1	Superintendent	7	Superintendent		7
2	Lascars	10	Lascars		10
	Total	17	Total		17
	Total for 4 months	68	Total for 4 months		68
	Total Pemér Anicut System	1034	Total Pemer Anicut System		1034
	Irrigation & Navigation Works for which neither Capital nor Revenue Accounts are Kept		Irrigation & Navigation Works for which neither capital nor Revenue Accounts are Kept.		
	Chennur Channel Head Sluice		Chennur Channel Head Sluice		
3	Lascars	15	Lascars		15
	Mahimalur tank Head Sluice		Mahimalur Tank Head Sluice		
2	Lascars	10	Lascars		10
	Total	25			25
	Total for 4 months	100	Total for 4 months		100
	Total Irrigation and Navigation Works	100	Total Irrigation and Navigation Works		100

Sangam Project Division (Nellore)

29504 10/86

	Sangam Anicut System		Sangam Anicut System		
	Dewur Branch Channel		Dewur Branch Chl.		
	Right Regulator		Right Regulator		
1	Lascar	6	Lascar		6
	Eastern Channel		Eastern Channel		
1	Lascar at Bramhareddipalem	6	Lascar at Brahmhareddipalem		6
1	—do— at Gundalammapalem	6	—do— at Gundalammapalem		6
1	—do— Hagamipalem	6	—do— Hagamipalem		6
1	—do— Varini	6	—do— Varini		6
1	—do— Vaveru	6	—do— Vaveru		6
1	—do— Buchireddipalem	6	—do— Buchireddipalem		6
1	—do— Patur	6	—do— Patur		6
1	—do— Penuballi	6	do Penuballi		6
	Carried over	54	Carried over		54

Sangam Division

	Brought forward	- - -	54	Brought forward		54
	Southern Channel			Southern Channel		
1	Lascar at Pothireddi -palem		6	1 Lascar at Pothireddipalem		6
1	do Vegur		6	1 do Vegur		6
	Gogulapalli Branch Chl.			Gogulapalli Branch Chl.		
1	Lascar at Purini		6	1 Lascar at Iskapalli		6
	Iskapalli Branch Channel			Iskapalli Branch Channel		
1	Lascar at Iskapalli		6	1 Lascar at Iskapalli		6
	Ulvapalli Branch Chl.			Ulvapalli Branch Chl.		
1	Lascar at Umamahes- -varavaram		6	1 Lascar at Umamaheswara -varam		6
	Total		84	Total		84
	Total for 9 months		756	Total for 9 months		756
	Duvur Tank			Duvur Tank		
1	Lascar at Vongallu		6	1 Lascar at Vongallu		6
	Kanigiri Tank			Kanigiri Tank		
2	Lascars at Duvur		12	2 Lascars at Duvur		12
	Total		18			18
	Total for 4 months		72	Total for 4 months		72
	Total Sangam Ancient System		828			828

Supg. Engineer's Office 2d Circle
14 February 1887

Superintendent of Works
In charge 2d Circle

N.G.
7

On Enclosure No 338 RE / xx-287

[stamp] 1 FEB 1887

II Circle

Ir 2
PW 1464
1887/87

Statement showing the revision of temporary Establishment in the 2nd Circle for 1887-88.

Au. 1884.

Note

The Supdg Engineer, II Circle, submits for sanction the accompanying statement of Water Regulation Establishment hitherto employed as Temporary and the Chief Engineer for Irrigation through whom the statement was submitted recommends the cost being debited to works' grant in case it cannot be met from the grant for Provincial Establishment.

The bulk of the staff employed for water regulation is charged to Provincial Establishment (Permanent) as that head is credited with a percentage on Irrigation and Navigation revenue. The cost of the staff now under notice would have been charged to Permanent establishment had it not been for the fact that the employés would be engaged for a few months only in the year. It cannot

be a charge to Work because it does not satisfy the conditions referred to in Code para 935, and if the cost is debited to Works, Irrigation will be charged twice because the percentage on account of Establishment will then be calculated on the works grant which will include the cost of Water regulation establishment. Further it is in no way desirable that the debits to Establishment should thus be evaded by charging them to other heads and thus lose all chance of audit of the cost which is a regular charge to Establishment.

As the Superintending Engineer says that the Establishment is indispensibly necessary and as the Classification of the charge as Establishment is already determined by Code Para 20 the statement can be sanctioned against Establishment temporary and

× note

This can be done by revising the charges already provided for.

W

and provision [to a small extent] may be made in the final issue of the Provincial Budget to meet this and other similar charges from other Circles.

W
12/3

10 W

Submitted for orders –

The establt. included in the statement appear to be all required for short periods; their employment is not continuous, & they are to be employed on sections of canals or particular works.

There appears to be no objection therefore to charge them to works, as recommended by the Ch. E. for I.

Seen
JM

Draft disposal submitted. C
15-3-87

No 338 91C

Superintending Engineer's Office
2nd Circle Bezvada 11th Feby 1887

From

G. D. Wybrow Esquire
Superintendent of Works
In charge 2nd Circle

To

The Chief Engineer
Public Works Department

Through The Chief Engineer
For Irrigation

Madras

Sir

With reference to your Memo No. 91C of the 12th Instant requesting to give notice to all temporary employés, that their services will be dispensed with at the end of February 1887, and also with reference to the non provision of anything under Temporary Establishment in the next years Provincial Budget, the preliminary issue of which was circulated with G.O. No. 3372 W of the 22nd December 1886, I have the honor to bring to your notice that temporary Water Regulation Establishment to the extent of Rs. 2,597 1/2 is required for regulating water for irrigation

	Rs
Kistna Delta	635 1/2
Penner Anicut	1034
Nellore Tanks	100
Sangam Anicut	828
Total	2,597 1/2

purposes in the Kistna Delta, Pennér Anicut and Sangam Anicut Projects &c. As you are aware of the importance of this Establishment, ~~and~~ without which it will be impossible to control efficiently water, in the several channels, during the irrigation season, I beg to request you will be pleased to obtain the sanction of Government to the enclosed Statement of proposition of the Temporary Water Regulation Establishment required during 1887-88.

I have the honor to be
Sir
Your most Obt. Servant

[illegible]
Superintendent of Works
In charge 2d Circle

Copied

Encly

No. 9 End

Forwarded to the Chief Engineer P. W. D. with the recommendation that the establishment proposed may be sanctioned, its cost being charged to the annual grant for repairs to the works concerned, should it not be found possible to meet the charge from Provincial funds.

H. Davidson

Chepauk
22.2.87

For Chief Engr. for Irrign.

No. 657 C of 25th Feby 1887.

To

C

R No. 675
28/2/87

For favor of checks as regards "present scale" and remarks as regards the incidence of the charge proposed by E. S.

W. C. W.
24.2.87

D. W.

PWCN 1854/87

R4th

CHIEF ENGINEER
1 FEB
1887
FOR IRRIGATION

From

The Superintending Engineer
2nd Circle

To The Chief Engineer
Public Works Dept
thro Chief Engineer
for Irrigation

Dated 14th January 1887

Recd.
No. 338 C.

Water Regulation Estab.
temporary required for 1887-88

Forwards a proposition State of – & Requests to obtain the sanction of Govt for –

Examined
...

With Endorsement

[C. No. 8.]

GOVT. OF MADRAS. 1887. P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 5th March 1887.

Office Note No. 790.

To

W.

Encs – 2

Keep-with Genl. No.

dated 188 .

The proposition statement received with your Office Note No. 657 dated 25th February 1887 is returned with the remark that that portion of the temporary Establish-lishment mentioned in column "Present Scale" has been duly checked and found correct.

2. As regards incidence of the charge, please see my O. N. No. 654 dated 17th December 1886.

C.

5/3

24 w. 7.1.87.
657 e 25.2/87.
91 e 12.1.87.
739 w. 20.3.86.
2950 w 10.11.86.
3373 w 22.12.86.

B

As recommended by the Chief Engr for Irrigation, the estabt. included in the statement submitted by the Supg Engr II Circle may be charged to the annual grant for repairs to the works concerned. The employment of the estabt is thus within the Supg Engrs powers under para 935 of the PW Code

19.7.2.87

16/3/87

18/3

18/3

S. E. II Circle
Ch. E. Ispent
19/3