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Public Works Department

G.O.No:- 2951
Dated:- 10.11.1886.

10th November 1886, No. 2951 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers:—

From the Superintending Engineer, II Circle, dated 27th Sept. 1886, No. 602 S.G.
To the ,, ,, II ,, ,, 5th Oct. ,, ,, 3450 C.

From G. D. WYBROW, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Bezváda, 21st October 1886, No. 218 G.L.—Through the Examiner of Public Works Accounts.

With reference to your memorandum, No. 3450 C., of the 5th instant, I have the honor to submit, herewith, for your approval and sanction of Government, a proposition statement in form No. 184 M. for the temporary establishment required for the Sangam Project and Gudiváda divisions.

2. The reasons for the revision of the establishment have already been given in this office letters quoted in your memorandum under reference.

3. The Executive Engineer, Gudiváda division, has applied for the continued employment of the surveyor and the 6 lascars during March 1886 also, but as provision for this will have to be made in the next year's statement, it has been omitted in the enclosed statement.

ENCLOSURE.

STATEMENT of Proposition for Revision of Establishment.

Order sanctioning present establishment, Government of Madras, Public Works Dept.		Office to which the proposition refers.	Nature of Change												Proposition					
			Present Scale.						Proposed Scale.						Permanent.		Temporary.			
					Pay.						Pay.				Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
Number.	Date.		Number.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Number.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
				For the whole year.	RS.	RS.	RS.	RS.		*For the whole year.*	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
739 W.	20th Mar. 1886.	Project division.	2	Watchmen ..	..	..	..	12	4	Watchmen	..	..	..	24	..	..	12	12	..	..
			1	Storekeeper ..	..	..	..	25	1	Storekeeper	..	..	..	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	..	..	..	..	..	..
			1	Clerk, 4th class, 1st grade.	..	..	..	40	1	Clerk, 4th class, 1st grade ..	..	..	..	40	..	..	..	..	..	..
779 W.	23rd Mar. 1886.		1	Kanigiri sub-division clerk.	..	..	..	15	1	Kanigiri sub-division clerk.	..	..	..	15	..	..	..	..	..	..
			1	Sangam detached officer's clerk	..	..	..	15	1	Sangam detached officer's clerk	..	..	..	15	..	..	..	..	..	..
									1	Draftsman	..	..	..	40	..	..	12	40	..	..
				Total ..	..	..	..	168		Total ..	..	..	..	220	..	..	12	52	..	..
				For the whole year ..	..	..	..	2,016		For the whole year ..	..	..	..	2,640	..	..	..	624	..	..
				For certain months during the year.						*For certain months during the year.*										
1394 W.	2nd June 1886.		1	Draftsman from 1st May 1886	..	..	..	40	1	Draftsman from 1st May 1886	..	..	..	40	..	..	..	..	..	..
				For 10 months ..	..	..	..	400		For 10 months ..	..	..	..	400	..	..	..	..	..	..
				Surveyor	..	..	..	80		Surveyor	..	..	..	80	..	..	..	..	..	..
739 W.	26th Mar. 1886.		1	Lascars	..	..	..	36	1	Lascars	..	..	..	36	..	..	..	..	..	..
			6	Draftsman	..	..	..	40	6	Provided for under the head "for the whole year" ..	..	..	..	..	..	..	..	..	8	40
			1																	
				Total ..	..	..	..	156		Total ..	..	..	..	116	..	..	..	..	8	40
				For 8 months ..	..	..	..	1,248		For 8 months ..	..	..	..	928	..	..	..	..	..	320
		Sangam	1	Workshop writer ..	..	..	..	15	1	Workshop writer	..	..	..	15	..	..	..	..	..	..
			1	Carpenter maistry ..	..	..	..	20	1	Carpenter maistry ..	..	..	..	20	..	..	..	..	..	..
			1	Overseer for cooly camp ..	..	..	..	30	1	Overseer for cooly camp ..	..	..	..	30	..	..	..	..	..	..
			2	Watchmen	..	..	..	12	..	Provided for under the head "for the whole year" ..	..	..	..	..	..	..	..	..	7	12
			1	Hospital Assistant ..	..	..	..	35	..											
			2	Cooks	..	..	..	14	1	Hospital Assistant ..	..	..	..	35	..	..	..	..	..	..
			9	Lascars	..	..	..	54	2	Cooks	..	..	..	14	..	..	..	..	..	..
			18	Scavengers at Rs. 5 ..	..	..	..	90	9	Lascars	..	..	..	54	..	..	..	..	..	..
			1	Scavenger maistry ..	..	..	..	10	18	Scavengers	..	..	..	90	..	..	..	..	..	..
									1	Scavenger maistry ..	..	..	..	10	..	..	..	..	..	..
				Total ..	..	..	..	290		Total ..	..	..	..	278	..	..	..	..	7	12
				For 7 months ..	..	..	..	2,030		For 7 months ..	..	..	..	1,946	..	..	..	..	..	84
832 W.	26th Mar. 1886.		5	Lascars	..	..	..	30	5	Lascars	..	..	..	30	..	..	..	..	..	..
				For 6 months ..	..	..	..	180		For 6 months ..	..	..	..	180	..	..	..	..	..	..
739 W.	20th Mar. 1886.		1	Fitter	..	..	..	40	1	Fitter	..	..	..	40	..	..	..	..	..	..
				For 4 months ..	..	..	..	160		For 4 months ..	..	..	..	160	..	..	..	..	..	..
									1	Fitter	..	..	..	16	..	..	5	16	..	..
									1	Engine driver	..	..	..	10	..	..	5	10	..	..
									1	Lascar for cashier at Boochireddipalem	..	..	..	6	..	..	5	6	..	..
										Total ..	..	..	..	32	..	..	5	32	..	..
										For 5 months from 1st October 1886	..	..	..	160	..	..	..	160	..	..
				Total, Sangam Project division ..	..	..	..	6,034		Total, Sangam project division ..	..	..	..	6,414	..	..	..	784	..	404
				For the whole year.						*For the whole year.*										
739 W.	20th Mar. 1886.	Gudivada division.	1	Clerk, 3rd class, 2nd grade.	..	..	..	60	1	Clerk, 3rd class, 2nd grade ..	..	..	..	60	..	..	..	..	..	..
			1	Do. 4th class, 1st do.	..	..	..	40	1	Do. 4th class, 1st do. ..	..	..	..	40	..	..	..	..	..	..
			1	Do. do. 2nd do.	..	..	..	30	1	Do. do. 2nd do. ..	..	..	..	30	..	..	..	..	..	..
			2	Clerks do. 3rd do.	..	..	..	40	2	Clerks do. 3rd do. ..	..	..	..	40	..	..	..	..	..	..
			1	Clerk 5th class, 1st do.	..	..	..	15	1	Clerk 5th class, 1st do. ..	..	..	..	15	..	..	..	..	..	..
			1	Draftsman, 1st grade ..	..	..	..	50	1	Draftsman, 1st grade ..	..	..	..	50	..	..	..	..	..	..
			1	Do. 3rd do.	..	..	..	20	1	Do. 3rd do. ..	..	..	..	20	..	..	..	..	..	..
			1	Messenger	..	..	..	7	1	Messenger	..	..	..	7	..	..	..	..	..	..
			1	Do.	..	..	..	6	1	Do.	..	..	..	6	..	..	..	..	..	..
			2	Clerks for sub-divisions ..	..	..	..	40	2	Clerks for sub-divisions ..	..	..	..	40	..	..	..	..	..	..
			2	Messengers for do. ..	..	..	..	12	2	Messengers for do. ..	..	..	..	12	..	..	..	..	..	..
			2	Clerks for overseers ..	..	..	..	30	2	Clerks for overseers ..	..	..	..	30	..	..	..	..	..	..
			1	Storekeeper	..	..	..	25	1	Storekeeper	..	..	..	25	..	..	..	..	..	..
			3	Lascars for division office ..	..	..	..	18	3	Lascars for division office ..	..	..	..	18	..	..	..	..	..	..
			6	Do. for 2 sub-divisions.	..	..	..	36	6	Do. for 2 sub-divisions.	..	..	..	36	..	..	..	..	..	..
			2	Do. for 2 overseers ..	..	..	..	12	2	Do. for 2 overseers ..	..	..	..	12	..	..	..	..	..	..

Statement of Proposition for Revision of Establishment—*cont.*

Order sanctioning present Establishment, Government of Madras, Public Works Dept.		Office to which the proposition refers.	Nature of Change.												Proposition.					
			Present Scale.						Proposed Scale.						Permanent.		Temporary.			
					Pay.						Pay.				Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
Number.	Date.		Number.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Number.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
					RS.	RS.	RS.	RS.			RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
907 W.	2nd April 1886.	Gudiváda division—*cont.*	2	Assistant clerks for 2 sub-divisions	..	..	..	30	2	Assistant clerks for 2 sub-divisions	..	..	..	30	..	..	..	..	..	..
			1	Clerk under temporary overseer	..	..	..	15	1	Clerk under temporary overseer	..	..	..	15	..	..	..	..	..	..
				Total ..	..	..	..	486		Total ..	..	..	..	486	..	..	..	..	..	..
				For the whole year ..	..	..	..	5,832		For the whole year ..	..	..	..	5,832	..	..	..	..	..	..
				For certain months during the year.						*For certain months during the year.*										
[illegible] W.	[illegible] Mar. 1886.		1	Surveyor	..	..	..	100	1	Surveyor	..	..	..	100	..	..	..	..	..	..
			[illegible]	[illegible] ..	..	..	..	36	6	Lascars	..	..	..	36	..	..	..	..	..	..
				Total ..	..	..	..	136		Total ..	..	..	..	136	..	..	..	..	..	..
				For 6 months ..	..	..	..	816		For 6 months ..	..	..	..	816	..	..	..	..	..	..
									1	Surveyor from 1st November 1886	..	..	..	80	..	..	4	80	..	..
									6	Lascars do. do. ..	..	..	..	36	..	..	4	36	..	..
										Total ..	..	..	..	116	..	..	4	116	..	..
										For 4 months ..	..	..	..	464	..	..	..	464	..	..
				Total, Gudiváda division.	..	..	..	6,648		Total, Gudiváda division.	..	..	..	7,112	..	..	..	464	..	..

21st October 1886.

(Signed) G. D. WYBROW,
Superintending Engineer, II Circle.

No. 321 S.E. 2nd

Forwarded to the Chief Engineer, Public Works Department, with remark that that portion of the sanctioned establishment mentioned in the column "present scale" has been checked and found correct.

1st November 1886.

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

ORDER—dated 10th November 1886, No. 2951 W., Public Works.

The revised statement of temporary establishment required for the Sangam Project and the Gudiváda divisions during 1886-87 is sanctioned.

2. This sanction has been registered as Provincial, No. 47 W. of 1886-87, and classified as Establishment, Temporary.

(True Extract.)

Captain, R.E.,
Under Secy. 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 November, 10th.

Recd. *Encl.*

G.O., 10th Nov. 1886, No. 2951 W

NOVEMBER.

Establishment

A revised statement of temporary — required for the Sangam Project and the Gudiváda divisions, during 1886-87, sanctioned.

2951
9

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

12th November 1881, No. 2815 W.

General.
Establishment.

Read the following paper :—

No. 61. No. 48 E.W.

MEMORANDUM—IRRIGATION.

With reference to Proceedings of Madras Government, No. 2518 W., dated 15th October 1881, the undersigned has the honor to submit a statement showing the charges against Provincial Establishment on account of the Sungum Project. That portion of the establishment entered under temporary has not yet been sanctioned, as it consists of the persons to be employed on *general* duties according to the list prepared by Captain Campbell, and submitted by the Superintending Engineer, First Circle, under his endorsement No. 1381, dated 3rd September 1881, and who cannot therefore be charged against rates under the terms of paragraph 982 of the Code, as modified in the above mentioned Proceedings of Madras Government.

2. It is requested that sanction may be accorded to this temporary establishment without delay.

Chepauk,
31st October 1881.

(Signed) C. VINCENT,
for Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department, with Statements and file (to be returned).

Temporary Establishment.

Class.	No.	Designation.	Rate.	Amount.	Total.	Remarks.
			RS.	RS.	RS.	
Mechanical ..	1	Superintendent of Plant ..	100	100		Required for fitting up machinery at site and repairing engines, &c.—*Vide* my letter No. 27, dated 19th July 1881.
	1	Fitter	40	40	140	
Surveying ..	1	Surveyor	100	100		
	6	Lascars	6	36	136	
General ..	1	Overseer of Cooly Camps ..	60	60	60	Absolutely necessary to see to sanitary state of camps and collect coolies, &c.
Medical ..	2	Hospital Assistants	60	120		For cooly camps; there will be two large camps, one at Sungum and one at Bucchireddypolliem.
	4	Cooks	7	28		
	12	Lascars	6	72		
	20	Scavengers	5	100		
	2	Scavenger Maistries	10	20	340	
Watchmen ..	3	Watchmen	6	18	18	One at Sungum, one at Bucchireddypolliem and one at Nellore.
Drawing ..	1	Draftsman	40	40	40	*Vide* my letter No. 27, dated 19th July 1881.
Office ..	3	Clerks at Rs. 20	60	60	60	Necessary for temporary establishment.
		Grand Total ..	..	..	794	

Nellore,
29th August 1881.

(Signed) C. VINCENT,
for Chief Engineer for Irrigation.

List of Permanent Establishment for Sungum Project.

Class.	No	Designation.	Rate per Month.	Amount.	Total.	Remarks.
		Executive Branch.	RS.	RS.	RS.	
Engineering ..	1	Executive Engineer, Third Grade ..	790	790		*Vide* G.O., No. 1729 W., dated 14th July 1881.
	2	Assistant Engineers, Second ,, ..	350	700	1,490	
Upper Subordinates.	1	Sub-Engineer, Second Grade ..	300	300		
	1	Do. Third ,, ..	250	250		
	4	Overseers, First ,, ..	100	400	950	
Accounts ..	1	Accountant	60	60	60	
		Office Establishment.				
	1	Clerk, Third Class, Second Grade ..	70	70		
	1	Clerk, Fourth Class, ,, ,, ..	35	35		
	2	Clerks, ,, Third ,, ..	25	50		
	1	Draftsman, First Class	60	60		
	1	Do. Third Class	25	25		
	1	Messenger	7	7		
	3	Messengers	6	18		
	4	Writers, Fourth Class, Third Grade.	25	100		
	4	Do. Fifth Class, First ,,	17½	70	435	
		Petty Establishment.				
Petty ..	1	Storekeeper	25	25		*Vide* G.O., Nos. 1729 W. and 1845 W., dated 14th July and 27th July 1881, respectively.
	15	Lascars	6	90	115	
		Grand Total ..	..	..	3,050	

NELLORE,
29th August 1881.

(Signed) D. McN. CAMPBELL, Captain, R.E.,
Executive Engineer.

No. 62. ORDER THEREON, 12th November 1881, No. 2815 W.

1. THE employment of the temporary establishment shown in the list accompanying the above quoted memorandum for the Sungum Project Division, at a monthly cost of Rs. 794, is sanctioned, and the amount required during the current official year, Rs. 3,176,* is appropriated from the budget provision for temporary establishment.

* Four months from 1st November.

2. The Superintending Engineer, Second Circle, will report hereafter as to the temporary establishment required during the next official year.

3. This sanction has been registered as Provincial No. 40 W. of 1881-82 and classified as Establishment.

(True Extract.)

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

To the Superintending Engineer, Second Circle.
,, Chief Engineer for Irrigation.
,, Examiner of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

2951
5

GENERAL.
ESTABLISHMENT.

Gobt, of (1881) Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
SECOND CIRCLE,
&c., &c., &c.

Dated November, 12th.

Issued

Recd. *Encl.*

G. O., 12th November 1881, No. 2815 W.

NOVEMBER.
Nos. 61-62.

Temporary Establishment required for the Sungum Project Division.—The employment of the — at a monthly cost of Rs. 794, sanctioned.

2951/6

18TH APRIL 1885, No. 922 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ —the following papers :—

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Masulipatam, 10th February 1885, No. 372 G.L.—Through the Examiner, Public Works 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 five divisions of this circle during 1885-86 in form No. M. 184.

2. From the accompanying statement it will be seen that the establishment required for 1885-86 amounts to Rs. 28,467, while that sanctioned for 1884-85 amounts to Rs. 29,818; thus showing a decrease of Rs. 1,351. The differences will be apparent from the figures given in the statement. The only points requiring notice are the following :—

(1) Establishment for the Vegur channel head-sluice, in the Nellore division, will not be required, as this channel will be merged in the Sangam anicut system after the present season.

(2) An additional lascar, instead of a superintendent, is provided for the Channur channel head-sluice in the Nellore division.

(3) The provision of pay for superintendent of plant and his establishment in the Sangam Project division for only seven months in the year, instead of for the whole year as hitherto, as it is intended to dispense with this establishment from October next.

(4) The provision for the continued employment of certain overseers, &c., sanctioned for 1884-85, and the omission of the surveyor in the Gudiváda division and others sanctioned for only certain months during this year.

3. In this connection, I beg to bring to your notice that the sanctioned scale of upper subordinates for this circle is 26 permanent (please see G.O., No. 780 W., of the 22nd March 1884) and three temporary for the Gudiváda division (*vide* your memorandum, No. 289 C., of the 29th January 1883) and the existing number of upper subordinates is divided as follows :—

21 Permanent excluding Conductor T. B. Smith recently transferred to No. I Tank division.
8 Temporary.
—
29 *Vide* distribution return of officers and subordinates for the quarter ending 31st December 1884. Provision has been made in the accompanying statement for the eight temporary overseers that are now in the circle. I am not certain if it is right to include all the temporary overseers in this list, which is, I believe, intended only to provide for any men required in addition to the permanent establishment. The number of

GENERAL.
ESTABLISHMENT.

Govt. of (1881) Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
SECOND CIRCLE,
&c., &c., &c.

Dated November, 12th.

Issued

Recd. *Encl.*

G. O., 12th November 1881, No. 2815 W.

NOVEMBER.
Nos. 61-62.

Temporary Establishment required for the Sungum Project Division.—The employment of the — at a monthly cost of Rs. 794, sanctioned.

45

2951
6

18TH APRIL 1885, No. 922 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

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Statement of temporary establishment required for general and water regulation purposes of the department, &c.—*cont.*

ORDERS SANCTIONING PRESENT ESTABLISHMENT. GOVERNMENT OF MADRAS, PUBLIC WORKS DEPARTMENT.		Office to which the proposition refers.	NATURE OF CHANGE.												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.
				General—cont.	RS.	RS.	RS.	RS.		FOR THE WHOLE YEAR. *General*—cont.	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
770 W.	22nd Mar. 1884.	Gudivâda division—*cont.*		Brought forward from under the head "For certain months during the year."	..	..	..	..	1	Clerk, 5th class, 1st grade ..	..	..	..	15	..	..	12	15	..	..
			1	Draftsman, 1st class ..	..	..	..	50	1	Draftsman, 1st class ..	..	..	..	50	..	..	..	..	..	..
			1	Do. 3rd do. ..	..	..	..	20	1	Do. 3rd do. ..	..	..	..	20	..	..	..	..	..	..
			1	Messenger ..	..	..	..	7	1	Messenger ..	..	..	..	7	..	..	..	..	..	..
			1	Do. ..	..	..	..	6	1	Do. ..	..	..	..	6	..	..	..	..	..	..
			2	Clerks for sub-divisions ..	..	..	..	40	2	Clerks for sub-divisions ..	..	..	..	40	..	..	..	..	..	..
			2	Messengers for do. ..	..	..	..	12	2	Messengers for do. ..	..	..	..	12	..	..	..	..	..	..
			1	Overseer's clerk ..	..	..	..	15	2	Clerks for Overseers ..	..	..	..	30	..	..	12	15	..	..
			1	Storekeeper ..	..	..	..	25	1	Storekeeper ..	..	..	..	25	..	..	..	..	..	..
			3	Lascars ..	..	..	..	18	3	Lascars for Division office ..	..	..	..	18	..	..	..	..	..	..
			5	Do. ..	..	..	..	30	8	Do. for two sub-divisions and 2 overseers ..	..	..	..	48	..	..	12	18	..	..
770 W.	22nd Mar. 1884.	Nellore division.		Brought forward from under the head "For certain months during the year."	..	..	..	..		....										
			1	Clerk, Division office ..	..	..	..	15	1	Clerk, Division office ..	..	..	..	15	..	..	..	..	..	..
770 W.	22nd Mar. 1884.	Sangam Project division.	1	Superintendent of plant ..	..	..	..	200	..	Provided for under the head "For certain months during the year."	..	..	..	..	..	..	..	..	12	200
			1	Fitter ..	..	..	..	40	..		..	..	..	..	..	..	..	..	12	40
			1	Workshop writer ..	..	..	..	15	..		..	..	..	..	..	..	..	..	12	15
			1	Surveyor ..	..	..	..	100	1	Surveyor ..	..	..	..	100	..	..	..	..	..	..
			6	Lascars ..	..	..	..	36	6	Lascars ..	..	..	..	36	..	..	..	..	..	..
			2	Overseers for cooly camps ..	..	..	..	60	2	Overseers for cooly camps ..	..	..	..	60	..	..	..	..	..	..
			1	Assistant Apothecary ..	..	..	..	130	1	Assistant Apothecary with staff pay ..	..	..	..	140	..	..	12	10	..	..
			4	Cooks ..	..	..	..	28	2	Cooks ..	..	..	..	14	..	..	..	..	12	14
			12	Lascars ..	..	..	..	72	12	Lascars ..	..	..	..	72	..	..	..	..	..	..
			20	Scavengers ..	..	..	..	100	20	Scavengers ..	..	..	..	100	..	..	..	..	..	..
			2	Scavenger Maistries ..	..	..	..	20	2	Scavenger Maistries ..	..	..	..	20	..	..	..	..	..	..
			3	Watchmen ..	..	..	..	18	3	Watchmen ..	..	..	..	18	..	..	..	..	..	..
			1	Clerk, Division office ..	..	..	..	20	1	Clerk, Division office ..	..	..	..	20	..	..	..	..	..	..
			2	Clerks do. ..	..	..	..	30	2	Clerks do. ..	..	..	..	30	..	..	..	..	..	..
			1	Watchman do. ..	..	..	..	6	1	Watchman do. ..	..	..	..	6	..	..	..	..	..	..
			1	Storekeeper ..	..	..	..	25	1	Storekeeper ..	..	..	..	25	..	..	..	..	..	..
			1	Agent for the Project ..	..	..	..	15	1	Agent for the Project ..	..	..	..	15	..	..	..	..	..	..
			1	Clerk ..	..	..	..	15	1	Clerk ..	..	..	..	15	..	..	..	..	..	..
			1	Lascar ..	..	..	..	6	1	Lascar ..	..	..	..	6	..	..	..	..	..	..
				Brought forward from under the head "For certain months during the year" ..	..	..	..	..	1	Cashier for the Kanigiri sub-division ..	..	..	..	40	..	..	12	40	..	..
									1	Gardener ..	..	..	..	6	..	..	12	6	..	..
				Total ..	..	..	..	1,750						1,490	..	..	..	104	..	364
										Total for 12 months ..	..	..	..	17,880	..	..	..	..	..	..
									4	Lascars, Kanigiri Duvur tank.	..	..	..	24	..	..	..	..	..	..
										For 4 months ..	..	..	..	96	..	..	..	96	..	..
				Total for the whole year ..	..	..	..	21,000						17,976	..	..	..	1,344	..	4,368
				General.						FOR CERTAIN MONTHS DURING THE YEAR. *General.*										
937 W.	5th April 1884.	Eastern division.	6	Lascars for Surveyor ..	..	..	..	36	..	....	..	..	..	..	..	..	..	..	8	36
				For 8 months ..	..	..	..	288	..	....	..	..	..	..	..	..	..	..	..	288
1999 W.	15th Aug. 1884.	Gudivâda division.	1	Clerk, Division office ..	..	..	..	15	..	Provided under the head "For the whole year" ..	..	..	..	..	..	..	..	..	6	15
770 W.	22nd Mar. 1884.		1	Surveyor ..	..	..	..	60	..	....	..	..	..	..	..	..	..	..	6	60
			6	Lascars ..	..	..	..	36	..	....	..	..	..	..	..	..	..	..	6	36
				Total ..	..	..	..	111	..	....	..	..	..	..	..	..	..	..	..	111
				For 6 months ..	..	..	..	666	..	....	..	..	..	..	..	..	..	..	..	666
168 W.	21st Jan. 1885.			Add pay of Surveyor for 26 days in September 1884 ..	..	..	..	52	..	....	..	..	..	..	..	..	..	..	..	52
				Total ..	..	..	..	718	..	....	..	..	..	..	..	..	..	..	..	718
770 W.	22nd Mar. 1884.	Sangam Project division.	1	Draftsman ..	..	..	..	40	..	....	..	..	..	..	..	..	..	..	3	40
			1	Do. ..	..	..	..	15	..	....	..	..	..	..	..	..	..	..	3	15
			1	Clerk ..	..	..	..	15	..	....	..	..	..	..	..	..	..	..	3	15
				Total ..	..	..	..	70	..	....	..	..	..	..	..	..	..	..	..	70
				For 3 months ..	..	..	..	210	..	....	..	..	..	..	..	..	..	..	..	210
1161 W.	8th May 1884.		1	Draftsman ..	..	..	..	50	..	....	..	..	..	..	..	..	..	..	2	50
				For 2 months ..	..	..	..	100	..	....	..	..	..	..	..	..	..	..	..	100
2760 W.	6th Nov. 1884.		1	Cashier ..	..	..	..	40	..	Provided for under the head "For the whole year" ..	..	..	..	..	..	..	..	..	5	40
				For 5 months ..	..	..	..	200	..		..	..	..	..	..	..	..	..	..	200

Statement of temporary establishment required for General and Water Regulation purposes of the department, &c.—*cont.*

ORDER SANCTIONING PRESENT ESTABLISHMENT. GOVERNMENT OF MADRAS, PUBLIC WORKS DEPARTMENT.		Office to which the proposition refers.	NATURE OF CHANGE.												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.	Increments.	Maximum.	Average or fixed.	No.	Designation.	Minimum.	Increments.	Maximum.	Average or fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
				General—cont.	RS.	RS.	RS.	RS.		FOR CERTAIN MONTHS DURING THE YEAR—*cont.* *General*—cont.	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
W.	3rd Oct. 1884.	Sangam project division—*cont.*	1	Gardener	..	..	..	6		Provided for under the head "For the whole year."	..	..	..	..	..	..	..	..	11	6
				For 11 months	..	..	..	66			..	..	..	..	..	..	..	..	..	66
				Brought forward from under the head "For the whole year."	..	..	..	..	1	Superintendent of plant	..	..	..	200	..	..	7	200	..	..
					..	..	..	..	1	Fitter	..	..	..	40	..	..	7	40	..	..
					..	..	..	..	1	Workshop writer	..	..	..	15	..	..	7	16	..	..
										Total	..	..	..	255	..	..	..	255	..	..
										For 7 months	..	..	..	1,785	..	..	..	1,785	..	..
				Total, General	..	..	..	1,582		....	..	..	..	1,785	..	..	..	1,785	..	1,582
										WATER REGULATION.										
				Kistna Delta System.						*Kistna Delta System.*										
1309 W.	26th May 1884.	Kistna 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	..	..	..	..	..	..
Do.	Do.	Division.		Aramanda calingulah—						Aramanda calingulah—										
			1	Superintendent	..	..	..	10	1	Superintendent	..	..	..	10	..	..	..	..	..	..
			3	Lascars	..	..	..	18	3	Lascars	..	..	..	18	..	..	..	..	..	..
				Pundla and Pandrapad head sluices—						Pundla and Pandrapad head sluices—										
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	12	..	..	..	..	..	..
				Molapalem escape—						Molapalem escape—										
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	12	..	..	..	..	..	..
		Kistna Western		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	..	..	..	..	..	..
Do.	Do.	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	..	....	..	..	..	118	..	..	..	..	..	..
				For 6 months	..	..	..	708	..	....	..	..	..	708	..	..	..	..	..	..
				Total, Kistna delta system.	..	..	..	708	..	....	..	..	..	708	..	..	..	..	..	..
				Pennér anicut system.						*Pennér anicut system.*										
582 W.	3rd March 1884	Nellore Division.		Sarvepalli branch channel—						Sarvepalli branch channel—										
			1	Superintendent	..	..	..	10	1	Superintendent	..	..	..	10	..	..	..	..	..	..
				Lebur branch channel—						Lebur branch channel—										
			1	Superintendent	..	..	..	10	1	Superintendent	..	..	..	10	..	..	..	..	..	..
			5	Lascars	..	..	..	25	5	Lascars	..	..	..	25	..	..	..	..	..	..
				Idur branch channel—						Idur branch channel—										
			1	Superintendent	..	..	..	12	1	Superintendent	..	..	..	12	..	..	..	..	..	..
			4	Lascars	..	..	..	20	4	Lascars	..	..	..	20	..	..	..	..	..	..
				Kristnapatam branch channel						Kistnapatam branch channel—										
			1	Superintendent	..	..	[illegible]	8	1	Superintendent	..	..	..	8	..	..	..	..	..	..
			5	Las[illegible]rs	..	..	..	25	5	Lascars	..	..	..	25	..	..	..	..	..	..
				Vollu[illegible]nch channel—						Vollur branch channel—										
			2	La[illegible]	..	..	..	10	2	Lascars	..	..	..	10	..	..	..	..	..	..
				Idagali branch channel—						Idagali branch channel—										
			1	Superintendent	..	..	..	8	1	Superintendent	..	..	..	8	..	..	..	..	..	..
			2	Lascars	..	..	..	10	2	Lascars	..	..	..	10	..	..	..	..	..	..
				Total	..	..	..	138	..	....	..	..	..	138	..	..	..	..	..	..
				For 7 months	..	..	..	966	..	....	..	..	..	966	..	..	..	..	..	..
				Nellore tank head-sluice—						Nellore tank head sluice—										
			1	Superintendent	..	..	..	7	1	Superintendent	..	..	..	7	..	..	..	..	..	..
			2	Lascars	..	..	..	10	2	Lascars	..	..	..	10	..	..	..	..	..	..
				Total	..	..	..	17	..	....	..	..	..	17	..	..	..	..	..	..
				For 4 months	..	..	..	68	..	....	..	..	..	68	..	..	..	..	..	..
				Total, Pennér anicut system	..	..	..	1,034	..	....	..	..	..	1,034	..	..	..	..	..	..

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Statement of temporary establishment required for General and Water Regulation purposes of the department, &c.—*cont.*

ORDER SANCTIONING PRESENT ESTABLISHMENT. GOVERNMENT OF MADRAS, PUBLIC WORKS DEPARTMENT.		Office to which the proposition refers.	NATURE OF CHANGE.												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.	Increments.	Maximum.	Average or fixed.	No.	Designation.	Minimum.	Increments.	Maximum.	Average or fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
				WATER REGULATION—*cont.*	RS.	RS.	RS.	RS.		WATER REGULATION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
				Irrigation and Navigation works for which neither Capital nor Revenue Accounts are kept.						*Irrigation and Navigation works for which neither Capital nor Revenue Accounts are kept.*										
				Veyur channel head sluice—						Veyur channel head sluice—										
582 W.	3rd March 1884.	Nellore division—*cont.*	4	Lascars	..	..	..	20	..	....	..	..	..	..	..	..	..	..	4	20
				Chennur channel head sluice—						Chennur channel head sluice—										
			1	Superintendent	..	..	..	7	..	....	..	..	..	..	..	..	..		4	7
			2	Lascars	..	..	..	10	3	Lascars	..	..	..	15	..	..	4	5	..	..
				Mahimalur tank head sluice—						Mahimalur tank head sluice—										
			2	Lascars	..	..	..	10	2	Lascars	..	..	..	10	..	..	..	..	..	..
				Total ..	..	..	..	47	..	....	..	..	..	25	..	..	..	5	..	27
				For 4 months ..	..	..	..	188	..	....	..	..	..	100	..	..	..	20	..	108
				Total, Irrigation and Navigation works	..	..	..	188	..	....	..	..	..	100	..	..	..	20	..	108
				Total, Water regulation ..	..	..	..	1,930	..	....	..	..	..	1,842	..	..	..	20	..	108
				Total for certain months during the year ..	..	..	..	3,512	..	....	..	..	..	3,627	..	..	..	1,805	..	1,690
1135 W.	6th May 1884 ..	Buckingham canal division.	1	Store-keeper	..	..	..	12	1	Storekeeper	..	..	..	12	..	..	..	..	..	..
									3	Clerks for Overseers ..	..	..	..	45	..	..	12	45	..	..
									3	Lascars do. ..	..	..	..	18	..	..	12	18	..	..
									1	Clerk for division office ..	..	..	..	15	..	..	12	15	..	..
				Total ..	..	..	..	12	8	Total ..	..	..	..	90	..	..	..	78	..	..
				For 12 months ..	..	..	..	144	..	For 12 months ..	..	..	..	1,080	..	..	..	936	..	..
				Grand Total ..	..	..	..	24,656	..		..	..	..	22,683	..	..	..	4,085	..	6,058
										Net decrease per annum ..	..	..	..	..	..	..	..	1,973	..	..

MASULIPATAM,
9th February 1885.

(Signed) J. W. RUNDALL,
Superintending Engineer, II Circle.

No. 856 S.E., 2nd.

Forwarded to the Secretary to Government, Public Works Department, for favor of disposal.

2. The entries in column "Present scale" of the proposition statement have been checked and found correct. Provision has been made for the existing number of temporary upper subordinates employed in the circle.

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

27th February 1885.

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated Bezváda, 27th February 1885, No. 938 S.G.

I have the honor to bring to your notice that at page 33 of the Preliminary budget of the Provincial services for 1885-86, provision for twenty lascars at Rs. 6 per mensem has been made under conservancy establishment for the Sangam project division. In the list submitted with this office letter No. 361 S.G., of the 28th July 1884, finally approved of in your memorandum No. $\frac{\text{II}}{55\ \text{N.L.}}$, of the 26th September 1884, there is an entry of four lascars at Rs. 6 each per mensem for only four months during the year for Kanigiri and Duvvur tanks, in addition to four permanent lascars.

2. I request, therefore, you will be good enough to reduce the number of permanent lascars at Rs. 6 per mensem from twenty to sixteen in the final budget, and provide for the four temporary lascars in the statement of temporary establishment of this circle now before Government for sanction.

	RS.
Sangam anicut system for certain *months* during the year 1885-86—	
Sangam project division, Kanigiri Duvvur tanks, four lascars at Rs. 6 ...	24
For four months	96

No. 35 E.W.

Forwarded to the Chief Engineer, Public Works Department, with the request that the alterations pointed out may be made.

(Signed) A. S. RUSSELL,
for Chief Engineer for Irrigation.

CHEPÂK,
16th March 1885.

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department (through the Examiner, Public Works Accounts), dated Masulipatam, 13th March 1885, No. 73 B.C.

I have the honor to forward, herewith, a supplemental statement of temporary establishment required for 1885-86 in the Buckingham canal division recently transferred to this circle for your approval and inclusion, if not too late, in the statement sent with this office letter No. 372 G.L., of the 10th ultimo, for the other divisions of this circle.

2. The present scale has not been verified in this office, as the Chief Engineer's circular and the Government order quoted as authority have not been received in this office either at the time of their issue or with the records recently sent to me.

3. The temporary overseer and his establishment sanctioned in G.O. No. 355 W., of the 14th February last, have also been included in this statement. In this connection, I beg to state that no intimation of another overseer having been posted has yet been received by me, and to request that one may be posted at an early date.

4. As the establishment sanctioned for the current year has to be continued during the next, I request that the sanction of Government may be communicated to me by wire before the end of the current month.

2951/11

No. 913 S.E., 2nd.

Forwarded to the Chief Engineer, Public Works Department, with the column "Present scale" of the proposition statement duly checked.

2. Attention is drawn to this office office note No. 952, dated 23rd March 1885. If a definite scale of temporary upper subordinate establishment is to be sanctioned for the current year separately, the provision for temporary upper subordinates for the Buckingham canal division made in the present statement will not be necessary.

25th March 1885.

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

Order—dated 18th April 1885, No. 922 W., Public Works.

As a definite scale of temporary upper subordinate establishment for all circles will be sanctioned separately, the provision for overseers contained in the tabular statement of temporary establishment required for the II Circle during 1885-86 has been struck out; and the statement, as corrected, is sanctioned against the provision for temporary establishment in the current year's Provincial budget. The net decrease per annum is Rs. 1,973.

2. This sanction has been registered as Provincial No. 4 W. of 1885-86; and classified as Establishment, Temporary.

(True Extract.)

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

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

Exd. A. Grubert.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of (1885) Madras
PUBLIC WORKS.

Dated April, 18th.

Recd. *Encl.*

G.O., 18th April 1885, No. 922 W.

APRIL.

Temporary Upper Subordinate Establishment

Certain — for the II Circle, sanctioned.

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	1,723
Kistna Western	55	660	..	492	1,152
Gudiváda	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 Gudiváda 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.												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 THE WHOLE YEAR. *General.*	RS.	RS.	RS.	RS.		FOR THE WHOLE YEAR. *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	....	..	..	..	..	..	..	..	..	..	15
			1	Lascar	..	..	..	6	1	....	..	..	..	..	..	..	..	..	..	6
922 W.	18th April 1885.	Kistna Western Division.	1	Clerk, Western Sub-division	..	..	..	20	1	Clerk, Western Sub-division	..	..	..	20	..	..	..	..	..	..
			1	Do. Division office	..	..	..	15	1	Do. Division office	..	..	..	15	..	..	..	..	..	..
			1	Draftsman	..	..	..	20	1	Draftsman	..	..	..	20	..	..	..	..	..	..
922 W.	18th April 1885.	Godávari Division.	1	Clerk, 3rd class, 2nd grade	..	..	..	60	1	Clerk, 3rd class, 2nd grade	..	..	..	60	..	..	..	..	..	..
			1	Do. 4th class, 1st do.	..	..	..	40	1	Do. 4th class, 1st do.	..	..	..	40	..	..	..	..	..	..
			1	Do. do. 2nd do.	..	..	..	30	1	Do. do. 2nd do.	..	..	..	30	..	..	..	..	..	..
			2	Do. do. 3rd do.	..	..	..	40	2	Do. do. 3rd do.	..	..	..	40	..	..	..	..	..	..
			1	Do. 5th class, 1st do.	..	..	..	15	1	Do. 5th class, 1st do.	..	..	..	15	..	..	..	..	..	..
			1	Draftsman, 1st grade	..	..	..	50	1	Draftsman, 1st grade	..	..	..	50	..	..	..	..	..	..
			1	Do. 3rd do.	..	..	..	20	1	Do. 3rd do.	..	..	..	20	..	..	..	..	..	..
			1	Messenger	..	..	..	7	1	Messenger	..	..	..	7	..	..	..	..	..	..
			1	Do.	..	..	..	6	1	Do.	..	..	..	6	..	..	..	..	..	..
			2	Clerks for Sub-divisions	..	..	..	40	2	Clerks for Sub-divisions	..	..	..	40	..	..	..	..	..	..
			2	Messengers for do.	..	..	..	12	2	Messengers for do.	..	..	..	12	..	..	..	..	..	..
			2	Clerks for Overseers	..	..	..	30	2	Clerks for Overseers	..	..	..	30	..	..	..	..	..	..
			1	Storekeeper	..	..	..	25	1	Storekeepers	..	..	..	25	..	..	..	..	..	..
			3	Lascars for Division office	..	..	..	18	3	Lascars for Division office	..	..	..	18	..	..	..	..	..	..
			6	Do. for two Sub-divisions	..	..	..	36	6	Do. for two Sub-divisions	..	..	..	36	..	..	..	..	..	..
			2	Do. for two Overseers	..	..	..	12	2	Do. for two Overseers	..	..	..	12	..	..	..	..	..	..
922 W	18th April 1885.	Nellore Division.	1	Clerk in Division office	..	..	..	15	1	Clerk in Division office	..	..	..	15	..	..	..	..	..	..
				....	..	..	..	..	1	Do. to Assistant Engineer	..	..	..	20	..	..	..	20	..	..
				....	..	..	..	..	1	Clerk to temporary Overseer	..	..	..	15	..	..	..	15	..	..
				....	..	..	..	..	2	Lascars to Assistant Engineer	..	..	..	12	..	..	..	12	..	..
				....	..	..	..	..	1	Do. to temporary Supervisor	..	..	..	6	..	..	..	6	..	..
				....	..	..	..	..	1	Do. to temporary Overseer	..	..	..	6	..	..	..	6	..	..
922 W	18th April 1885.	Sangam Project Division.	1	Surveyor	..	..	..	100		The actual requirements for the year have been included under "For certain months during the year."	..	..	..	..	..	..	..	..	..	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												72
			20	Scavengers	..	..	..	100												100
			2	Scavenger maistries	..	..	..	20												20
			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	..	..	..	..	..	..
2885 W	3rd Dec. 1884.		1	Clerk, 4th Class, 1st grade	40	2	50	40	1	Clerk	40	2	50	40	..	..	..	..	..	..
2846 W	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	..	..
2846 W	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	..	..
2846 W	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	..	..
2585 W	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.										
922 W	18th April 1885.	Sangam Project Division.	1	Superintendent of plant	..	..	..	200		....	..	..	..	..	..	..	..	..	7	200
			1	Workshop writer	..	..	..	15	1	Workshop writer	..	..	..	15	..	..	..	..	..	..
				Brought forward from under the head "For the whole year."	..	..	..	..	1	Carpenter maistry	..	..	..	30	..	..	7	30	..	..
									1	Overseer for cooly camps	..	..	..	30	..	..	7	30	..	..
									2	Watchmen	..	..	..	12	..	..	7	12	..	..
									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. Present Scale.		Pay.				Proposed Scale.		Pay.				Proposition. Permanent. Increase per Month.	Permanent. Decrease per Month.	Temporary. Increase per Month.		Temporary. 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*). *General*—(Continued).	RS.	RS.	RS.	RS.		For certain months during the year—(*Continued*). *General*—(Continued).	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
922-W	18th April 1885.	Sangam 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
2513-W	24th October 1885.		12	Survey lascars	..	..	..	72		....	..	..	..	..	..	..	..	..	2	72
				Total for two months ..	..	..	..	144			..	..	..	..	..	..	..	..	..	144
269-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
2586-W	4th Nov. 1885.	Buckingham Canal	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
				Applied for in this office letter No. 470 RC, of 16th January 1884, to the Chief Engineer, Public Works Department.	..	..	..	..	1	Clerk for temporary Overseer ..	..	..	..	15	..	..	3	15	..	..
									1	Lascar	..	..	..	6	..	..	3	6	..	..
										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	..	..	..	3,872	..	3,676
				WATER REGULATION. *Kistna Delta System.*						WATER REGULATION. *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	..	..	..	..	..	..
922-W	18th April 1885.	Kistna Western Division.		Aramanda calingula—						Aramanda calingula—										
			1	Superintendent	..	..	..	10	1	Superintendent	..	..	..	10	..	..	..	..	..	..
			3	Lascars	..	..	..	18	3	Lascars	..	..	..	18	..	..	..	..	..	..
				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 1886.	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	..	..	..	..	..	..

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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.
922 W.	18th April 1885.	Nellore Division.		Water Regulation—(*Continued*).	RS.	RS.	RS.	RS.		Water Regulation—(*Continued*).	RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.
				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

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1k

GENERAL.
ESTABLISHMENT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated March, 20th.

Recd. *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.

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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. Sungum 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	1	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	...	...
	Guaranteed Railways ..	...	2	1	*
	Supernumeraries	...	3	4	18
	Totals ...	50	36	47	185

* Includes two for Workshops.

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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	...	...		
1	Superintending Engineer, 3rd Class.	1,100	2	Superintending Engineers, 3rd Class, at 1,100.	2,200	1	1,100	...	...		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.
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.

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
	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	...	...		

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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 $\frac{3}{10}$ of total No. of Overseers ... . 28 2nd Grade $\frac{3}{10}$ of total No. of Overseers ... ... 28 3rd Grade $\frac{4}{10}$ 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.
...	......	...	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		Amounts noted as pay include travelling allowances.

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	...	...		

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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 [illegible]váda, 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 Jeypore allowance Rs. 25.	175	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						
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	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	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.	3,842	90	600	...	...		

OFFICE ESTABLISHMENT.

For Chief Engineer and Secretary to Government, Public Works Department.

No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.	Grounds of Proposition.	Remarks.
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	...	...	...	...		

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

OFFICE ESTABLISHMENT—*cont.*

For Chief Engineer and Secretary to Government, Public Works Department—*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.		
		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.

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.		
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	...	...	...	...		

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.		
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.

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.		
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. ...	110	...	...	...	...		
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	...	...	...	...		

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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	...	...		

Present Scale.			Proposed Scale.			Increase.		Decrease.		Grounds of Proposition.	Remarks.
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.	60	...	...	...	...		
	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 EASTERN 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	...	...		

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

OFFICE ESTABLISHMENT—*cont.*

For Godavari Eastern and Kistna Eastern Divisions.—*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.		
		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.

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

For 9 2nd-Class Divisions.*

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

For 5 3rd-Class Divisions.†

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.		
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. Ganjam. 2. Vizagapatam. 3. Bellary. 4. Salem. 5. 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	...	...	...	...		

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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 Establishment, P.W. Stores.	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		Nil.							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	[illegible] ...	6									
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	...	...		

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

OFFICE ESTABLISHMENT—*cont.*

For the 4 New Project Divisions—*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.		
		RS.			RS.		RS.		RS.		
	Nil.		1	Clerk, IV Class, 2nd Grade.	35	1	35	...	...		
			1	Clerk, V Class, 1st Grade.	17½	1	17½	...	...		
			1	Messenger, at 7 ...	7	1	7	...	...		
			1	Do. at 6 ...	6	1	6	...	...		
			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.

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.		
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:— For Sungum Project ... 2 „ Madras Irrigation and Canal ... 2 „ Ganjam ... ... 2 „ Bellary ... ... 2 „ Madura ... ... 2 Total ... 10
1	Messenger ...	[illegible]	1	Messenger	[illegible]	...	...	...	...		
2	Total for one office	31	2	Total for one office ...	31	...	...	...	...		
78	Add similar Establishment for 39 more Sub-Division Offices.	1,209	78	Add similar Establishment for 39 more Sub-Division Offices.	1,209	...	...	...	...		
			20	Add similar Establishment for 10 additional offices.	310	20	310	...	...		
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.

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.		
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).	682½	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.

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.		
	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	...	...		

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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*

Office [Toll] Establishment, Buckingham Canal.

No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.	Grounds of Proposition.	Remarks.
		RS.			RS.		RS.		RS.		
72	Clerks, &c.	761	72	Clerks, &c.	761	...	...	...	...		

Abstract of Office Establishment.

No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.	Grounds of Proposition.	Remarks.
32	Chief Engineer and Secretary to Government, Public Works Department.	2,433½	32	Chief Engineer and Secretary to Government, Public Works Department.	2,433½	...	...	...	...		
28	Lithographic Establishment.	925	28	Lithographic Establishment.	925	...	...	...	...		
27	Chief Engineer for Irrigation.	1,180	27	Chief Engineer for Irrigation.	1,180	...	...	...	...		
33	Superintending Engineers' Offices.	1,240½	72	Superintending Engineers' Offices.	2,631	39	1,390½	...	...		
8	Superintendent of Works, Presidency.	273	16	Presidency Division ...	485½	8	212½	...	...		
16	Godávari and Kistna Eastern Divisions.	546	20	Godávari and Kistna Eastern Divisions.	646	4	100	...	...		
48	Six 1st-Class Executive Divisions.	1,638	63	Seven 1st-Class Executive Divisions.	2,086	15	448	...	...		
64	Eight 2nd-Class Executive Divisions.	2,024	72	Nine 2nd-Class Executive Divisions.	2,277	8	253	...	...		
16	Two 3rd-Class Executive Divisions.	441	40	Five 3rd-Class Executive Divisions.	1,102½	24	661½	...	...		
69	Consulting Architect's Office.	270½	6	Consulting Architect's Office.	270½	...	...	...	...		
	Public Works Stores ...	305	9	Public Works Stores ...	305	...	...	...	...		
16	Office Establishment, Superintendent of Works, Godávari and Kistna.	546	...	...	...	...	...	16	546		
...	...	...	32	Office Establishment, Project Divisions.	1,082	32	1,082	...	...		
80	Sub-Divisional Offices ...	1,240	100	Sub-Divisional Offices ...	1,550	20	310	...	...		
40	Office Establishment, Detached Officers.	700	88	Office Establishment, Detached Officers.	2,200	48	1,500	...	...		
...	...	...	92	Office Establishment for Overseers.	1,610	92	1,610	...	...		
72	Office (Toll) Establishment, Buckingham Canal.	761	72	Office (Toll) Establishment, Buckingham Canal.	761	...	...	...	...		
495	Total Office Establishment.	14,523½	769	Total Office Establishment.	21,545	290	7,567½	16	546		

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Irrigation Establishments.

No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.	Grounds of Proposition.	Remarks.
	Water Regulation ...	7,528		Water Regulation ...	7,528	...	...	...	...		—
	Navigation	2,462		Navigation	2,462	...	...	...	...		
	River Conservancy ...	260		River Conservancy ...	260	...	...	...	...		
	Total Irrigation Establishment.	10,250		Total Irrigation Establishment.	10,250	...	...	...	...		

Abstract of Executive Branch.

No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.	Grounds of Proposition.	Remarks.
69	Engineer Establishment.	45,950	92	Engineer Establishment.	60,600	23	14,650	...	...		
160	Upper Subordinate ...	19,830	201	Upper Subordinate ...	29,670	55	10,920	14	1,080		
20	Lower do. ...	600	19	Lower do. ...	580	...	...	1	20		
448	Petty Establishment ...	3,242	538	Petty Establishment ...	3,842	90	600	...	...		
495	Office do. ...	14,523½	769	Office do. ...	21,545	290	7,567½	16	546		
...	Irrigation do. ...	10,250	...	Irrigation do. ...	10,250	...	...	...	...		
	Total Executive Branch.	94,395½		Total Executive Branch.	1,26,487	...	33,737½	...	1,646		

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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		

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ABSTRACT.

	RS.		
Executive Branch ...	1,26,487		
Accounts Branch ...	10,075		
			RS.
Grand Total ...	1,36,562	per mensem or per annum ...	16,38,744
		RS.	
Add.—Approximate amount on account of Military pay and allowances of Military officers, per mensem ...		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		
Potinghy Ghât 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	2,04,800
Contingencies.— Executive Branch ...		4,000	
Accounts " ...		400	
		4,400	52,800
Total Permanent Establishment ...			20,64,944

		Per mensem.	Per annum.	
		RS.	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	61,600
			Grand Total Establishment ...	21,26,544

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

ACCOUNTS BRANCH.

EXAMINERS.

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.		
		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.

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.		
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	...	...	...	...		Accountants.
4	Accountants, 3rd Grade, at 200.	800	6	Accountant, 3rd Grade, at 200.	1,200	2	400	...	...		For 25 Executive Divisions 25
10	Accountants, 4th Grade, at 115.	1,150	15	Accountants, 4th Grade, at 115.	1,725	5	575	...	...		For Central Office, one Accountant for every 3 Divisions, and one for any fraction $\frac{1}{3}$ or 9
34	Accountants, 5th Grade, at 57½.	1,955	31	Accountants, 5th Grade, at 57½.	1,782½	...	...	3	172½		Extra 1
52	Total Accountant Establishment.	5,190	56	Total Accountant Establishment.	5,992½	7	975	3	172½	Net increase Rs. 802½.	Total ... 35

No.	Designation.	Amount of Pay.	No.	Designation.	Amount of Pay.	No.	Amount of Pay.	No.	Amount of Pay.	Grounds of Proposition.	Remarks.
											and this total has been distributed with reference to P. W. D. Code, Chapter I, paragraph 77, as follows :— 1st and 2nd Grades $\frac{35}{8}$ 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. $\frac{35}{4}$ = 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. 3½ 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.	RS.		RS.
Executive Branch ...	1,26,487			
Accounts Branch ...	10,075			
Grand Total ...	1,36,562		per mensem or per annum ...	16,38,744
ADD.—Approximate amount on account of Military pay and allowances of Military officers, per mensem ...		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			
Potinghy Ghât 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		2,04,800
Contingencies.— Executive Branch ...		4,000		
Accounts „ ...		400		
		4,400		52,800
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 ...	2,083½	25,000	
		4,333½	52,000	
	ACCOUNTS BRANCH.			
	Temporary Establishment for the preparation of Capital and Revenue Accounts of Irrigation Works ...	800	9,600	
		5,133⅓	61,600	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

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* Per mensem to give in round numbers 2,00,000 for the year.

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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 promoted.
EXECUTIVE ENGINEERS, 3RD GRADE—*cont.*		
Mr. C. J. Peters	July 1867	Executive Engineer, 4th Grade.
„ *W. Hughes, B.A.*	„ 1868	Do. do.
„ *J. C. Larminie*	March 1869	Do. do.
„ *[illegible] M. Bell*	December 1867	Do. do.
Captain A. W. Smart, R.E.	March 1871	Do. do.
EXECUTIVE ENGINEERS, 4TH GRADE, (3+1=4.)		
[illegible] O. C. Rawson, R.E.	June 1871.	
„ A. R. E. Dorward, R.E.	August 1871.	
Mr. J. Grimes	June 1861	Assistant Engineer, 1st Grade.
Lieutenant C. B. Henderson, R.E.	April 1873	Do. do.
Mr. Wilks	...	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. [illegible] Norfor	August 1870.	
Lieutenant [illegible] 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	„ „	
„ [illegible] C. Johnson	February 1873.	
„ H. S. Taylor	October 1875.	
„ A. S. Russell	„ „	
„ C. A. M. [illegible]	„ „	
S. Subroya Chari[illegible]	May 1865.	
Mr. W. C. De Mo[illegible]	October 1874	Assistant Engineer, 2nd Grade.
„ *[illegible]*	„ 1875	Do. do.
„ *J. K. Paul*	„ „	Do. do.
„ *G. A. P. Carless*	February 1876	Do. do.
„ *J. Trail*	October 1874	Do. do.
„ *C. H. B. Bur[illegible]*	„ 1875	Do. do.
„ *H. E. G. Evans*	„ „	Do. do.
„ *C. Ussher*	„ 1877	Do. do.
„ *G. E. Manson*	„ „	Do. do.
„ *H. A. G. Malet*	„ „	Do. do.
„ *W. Jopp*	„ „	
ASSISTANT ENGINEERS, 2ND AND 3RD GRADES, (19+2=21.)		
Mr. R. H. Young	October 1877.	
„ [illegible]	„ „	
„ [illegible]	September 1878.	
„ A. [illegible] Boyle	October 1880.	
„ [illegible] M. Hayes	„ „	
„ F. J. Wilson	„ „	
„ E. B. [illegible]	„ „	
„ A. [illegible]	September 1879.	
„ R. H. Dorman	October 1880.	
„ H. E. Clerk	„ „	
„ S. D. Pears	„ „	
N. Ruthnasabapathy Pillay, B.C.E.	April 1874.	
S. Gopalakrishna Iyengar, B.C.E.	September 1880.	
Lieutenant D. Falvey	July 1870	Counted as an Upper Subordinate.

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 emporium 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. 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.
		N. B.—Other roads suitable for cart traffic, *e.g.*, for linking Koraputt 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				
(*c*) 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. For the 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 Cocanada 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 ...	56·00	* 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 the 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 Penner 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

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* *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*) Poogalur 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 5,000 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*) Bhavání 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 300,000 acres of additional direct irrigation be secured.	40·00	Nil.	Nil.	Nil.
		Totals ...	425·84	0·75	25·00	35·00

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GOVERNMENT OF MADRAS.

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 grades 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 ma e 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 establ hment 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 appe ain to the Madras Harbour Works, which are carried out by special establishment, l aving 54 lakhs for the normal public works. The relative cost therefore of works and establishment will be—

		LAKHS.
Works	... ...	38
Establishment charges	... ...	16

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

10. A large proportion 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 to state that the Governor-General in Council will be glad to receive the views the Government of Madras on this point.

11. In sanctioning this rge addition to the sanctioned scale of Engineers, it is necessary to consider the qu tion of filling up the vacancies in it. The Government of India has no wish to reta promotion in Madras as compared with other provinces, but it is obvious that to fill 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.

* 18½ — 2½

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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 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 in 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.

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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 2½ 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 on 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 2½ 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.

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

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.

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.

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

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.

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.

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

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

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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 arragements 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 establishmen a sum of 2½ lakhs from the general grant for Protective Public 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.

---

* Includes one Chief Engineer with personal rank.

† Excludes one for the excess in Chief Engineer's class.

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.

[illegible] E. Fernandez.

GENERAL.
ESTABLISHMENT.

Govt. of {1881} Madras.

PUBLIC WORKS.

Dated July, 14th.

Recd. *Encl.*

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

JULY.

Re-organization of the Public Works Department of the Madras Presidency.

No. 1836 8951/40

Supdg. Engrs. Office 1st Circle
Chepauk 20th October 81

From
Col. H. L. Prendergast R.E.
Superintending Engineer
1st Circle

To
The Chief Engineer
P.W.D.
Madras

Sir,

With reference to your Memorandum No. 2371 dated 17th October /81. I have the honour to report that I consider the Cashier should be required to furnish security to the amount of Rs. 1000.

I have the honour to be
Sir
Your most obdt. Servant
H. L. Prendergast
Col. R.E.
Superintending Engineer
1st Circle

P.O. No. 2458 W. 6-10-81.
C.E. " 2371. 17-10-81.

No 6067

From
The Supdg Engineer
1st Circle

To
The Chief Engineer
P.W.D.
Madras

D/ 20th October 1881.
Recd. — —

No. 1836.

Cashier for the Lingam Project Division
—
Reporting that — should being to furnish security to the amount of Rs. 1000.

Entd in Receipt Regr.

C. 27.10. R 28.10

No. 2667 W

2951/4

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 31st Oct. 1881

Read the following :—

From the Supdg Engr 1 Circle — } No. 1733 d/8th Octr 1881.
Memo by Chief Engr " 2371 d/17 — " — "
From the Supdg Engr 1 Circle — } " 1836 d/20th — " — "

Sanction is accorded to the employment from the 1st November 1881 of a Clerk IV class 1st grade for duty as a Cashier in the Lingum Project Division.

2. The man will be required to deposit a security of Rs. 1000.

3. The Charge for the Current year Rs. 160[x] will be met from the

[x] Four months pay at Rs. 40 — minimum pay of the Grade.

the Budget grant
for temporary
establishment.
4. This sanction
has been registered as
Provincial No. 55 W
of 1881-82 and
classified as Esta:
:blishment —
Ch

2667 W. 31-10-81.

~~Obtd~~
27.10.81

The S. Engr. 1 Circle
C4 P.W. Acct
accepted 1-11-81.

Entered 3/11

C.27.10

Statement of Proposition for revision of Establishment.

Order sanctioning present Esta-blishment Government of Madras. P.W. Depth. No.	Date	Office to which the proposition refers	Nature of Change. Present scale. No.	Designation	Pay Minimum	Pay Increment	Pay Maximum	Pay Average or Fixed	Proposed scale. No.	Designation	Pay Minimum	Pay Increment	Pay Maximum	Pay Average or Fixed	Proposition Permanent Amount Increase per Month	Proposition Permanent Amount Decrease per Month	Proposition Temporary Increase per Month Period	Proposition Temporary Increase per Month Amount	Proposition Temporary Decrease per Month Period	Proposition Temporary Decrease per Month Amount	Remarks by Local Government
		Sangam Project Division.	1	Clerk 3rd class 2nd grade	60	4	80	75	1	Clerk 3rd class 2nd grade	60	4	80	75							
			1	Clerk 4th class 2nd grade	30	2	40	37½	1	Clerk 4th class 2nd grade	30	2	40	37½							
			2	Clerks 4th class 3rd grade	20	2	30	55	2	Clerks 4th class 3rd grade	20	2	30	55							
2815 W.	12-11-81		1	Draftsman, 1st class	50	4	70	65	1	Draftsman, 1st class	50	4	70	65							
			1	Draftsman, 3rd class	20	2	30	27½	1	Draftsman, 3rd class	20	2	30	27½							
			1	Messenger	"	"	"	7	1	Messenger	"	"	"	7							
			1	Do.	"	"	"	6	1	Do.	"	"	"	6							
2667 W.	31-10-81		1	Cashier 4th class 1st grade	40	2	50	47½	1	Cashier 4th class 1st grade	40	2	50	47½							
				..					1	Clerk — do — do	40	2	50	47½	47½						
922 W.	18-4-85		1	Temporary Clerk	..	..	..	20		..									12	20	
Do.	Do.		2	Do. at Rs. 15 each	..	..	..	30		..									12	30	
			12	Total				370½	10	Total				368	47½				12	50	

Net saving Rs. 2½.

(By order)

Superintending Engineer

Manager

Suptg. Engineer's office, 2nd Circle,
24th October 1885.

8957
49

2

and leaves me nothing to add beyond

No 3 S.E.2nd

295/49

Superintending Engineer's Office,
2nd Circle, Bezwada
24th October 1885.

From

The Superintending Engineer,
2nd Circle.

To

The Chief Engineer,
Public Works Department.
Through the Examiner, P. W. Accounts,
Madras.

Enclosures Two
to Original letter
No 315 of 7th October
1885 with one statement

Sir,

I have the honor to submit for the favorable consideration and sanction of Government, a letter from the Executive Engineer, Langam Project Division proposing a change in his Office Establishment by which, though the efficiency of the Office will be increased, there will be a monthly saving of Rs 2½

2. The Langam Division being in its nature a temporary one, the proposed change need involve no responsibility on Government.

3. The Executive Engineer Mr. Malet, gives ample reasons for the proposed change, and leaves me nothing to add beyond my

agreement with his arguments which appear to me convincing.

I have the honor to be,
Sir,
Your most Obdt Servant,

JLL Morant

Lieut-Colonel RE
Superintendent of Works
in Charge of II Circle

995/96

Endorsement No. 475 S.E.2. dated
4th November 1885.

Forwarded to the Chief Engineer P.W. Department for disposal. The Executive Engineer's letter referred to by the Superintending Engineer in para 1 has not been received.

2. Para 2 of the Superintending Engineer's letter is not understood. The Sangam Project Division has been classified as a permanent Executive Division.

3. The Superintending Engineer applies for a permanent Clerk IV Class I Grade maximum pay Rs 50/- per mensem, equal to the pay of the 3 temporary clerks whom he proposes to discharge, besides which, the pensionary allowances of the incumbent will have to be considered by Government.

4. The column, present scale, has been checked and found correct.

J. C. Gordon

Examiner P.W. Accts
Madras

Ed. 4.11.

4/11

Enc: one

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475 S.E.2

ENCLOSURES

Roll. 9638.

From

The Superintending Engineer
2nd Circle

5 N. 85

To

The Chief Engineer
P. W. D.

Thro. The Examiner
P. W. Accts
Madras

No. 1830 Ca/12-11-85

Dated 24th October 1885

Despd 27th do

Recd 5/11/85.

No. 3 S.E.2nd

Sangam Project Dn. Office Establishment — change in the — Forwards for favorable consideration and sanction of Govt. a letter from the Ex. Engr. Sangam Dn. proposing a —

B

8951
46

C

P.W. Department

No. 1830 Ca/12th Nov/85

Letter from the S.E. II Circle No. 3 S.E.2. d/24th Octr./85
Endorsement thereon by the Ex: P.W. Accts: No. 475 S.E.2.
d/4th November/85.

Copy of the Examiner's endorsement will be forwarded to the Suptg: Engr. II Circle, with advertence to his letter No. 3 S.E.2d d/24th Octr./85.

2. Mr. Malet's letter, referred to in para 3 of the Suptg: Engineer's letter, should be forwarded for reference.

3. The Suptg: Engr. will report whether

is proposed to place the additional clerk II class 1st grade on the permanent pensionable establishment.

10/11/85

10.11.85.

G.O. $\frac{B}{A}$ 2667 W. 31-10-81.
" $\frac{A}{}$ 2515 E. 17-11-81.
" 922 W. 18-4-85

No. 1830 C. 12-11-85

Cr

Ex. Ed 13/11
18/11

S.E. II Circle

Desptd.
12/11

Sangam Project Division Office
Camp Boochireddipollem 7th Oct. 1885
No. 315 Enclosure 1

From
The Executive Engineer,
Sangam Project Division.

To
The Supty. Engineer
II Circle

Sir,

In continuation of the last para of my letter No. 305 of 3-10-85 I have the honor to recommend the following re-arrangement of the Office establishment of this Division with a view to make it more efficient and equal to the work in hand and request that you will be pleased to obtain sanction of Government to the same.

2. My recommendation is

is that a Clerk IV Class 1st Grade (Rs. 40 to 50) be allowed to the Division to assist in the preparation of accounts or in other words that the Division may be made a 1st Class Division with regard to Office establishment.

3. This clerk may be appointed either temporarily or permanently as may be thought fit.

4. The existing establishment temporary included, is more costly than the establishment of a 1st Class Division but is not so suitable.

5. There are 3 temporary clerks one on Rs. 20 and two on Rs. 15 each.

6. One of the latter will be dispensed with on the 1st November/25

in accordance with current sanction.

7. Of the remaining two one will not be required in the event of the proposal now made being sanctioned and the other will be dispensed with as soon as the compensation work in connection with the Sangir Reservoir and the revision of the estimates for the rest of the Project works are completed, probably by the 31st January/26.

8. The saving thus effected will more than cover the cost of the addition sought for.

9. So it is the nature and extent of the works in the Division with other circumstances fulfil

all the conditions requisite to make it a 1st Class Division.

10. The number of works has of late increased.

11. There are now more than 130 in hand, including manufactures.

12. Between January and April next a considerable increase in the No of works is anticipated and they will be more scattered than formerly involving delays in references &c.

13. In addition to works under Capital there will be works under maintenance & repairs of completed works, agricultural works, and repairs of existing works.

14. Under these circumstances it is absolutely necessary that a competent man should be secured to assist in the compilation of accounts especially to have charge of the Register of works & to prepare work vouchers and I trust you will see no objection to recommend for the sanction of Government the proposal now made.

15. As for average monthly expenditure it is I believe a head of most of the 1st Class Divisions.

16.

Returned in [illegible]

16. I enclose a comparative Statement shewing the present & proposed Office establishment and request that the latter may be submitted for sanction with the proviso that the services of one Temporary clerk on Rs. 20 per month may be retained till the 31st January 1886.

E. 2
Rs 12143 R.
11835

Enclosure one.

I have the honor to be
Sir,
Your most obedt. Servant
Executive Engineer

J.C.
7-10.

17. The saving in establishment charges up to date has been very large

---

No. 752 S. G

2951
32

Superintending Engineer's Office,
2nd Circle, Bezwada
17th November 1885

From

The Superintending Engineer,
2nd Circle.

To

The Chief Engineer,
Public Works Department,
Madras.

Sir,

With reference to your Endorsement No. 1830 C: of the 12th Instant, regarding the Additional clerk, IV class, 1st grade applied for, for the Langam Project Division, I have the honor to forward herewith, Executive Engineer's letter No. 315 of the 7th October last (in original to be kindly returned) in which Mr. Maffet gives ample reasons for the proposed change.

2. With reference to Para 3: of the above Memo, I beg to explain that, though the post now applied for, is to be a permanent one, the person that will be appointed to it, will be appointed only acting, so that he may not claim

any pensionary allowances on this post: he will have some other permanent post in the Division on which he will retain a lien. As it is likely that the Division, though permanent, will have to be abolished or modified in a year or two on the completion of the project, no one will be posted to the above place permanently.

3. I regret the Executive Engineer's letter was not sent with my former letter. It was due to the Carelessness of my Office.

I have the honour to be,

Sir,

Your most obedt. Servant,

J. E. C. Morant.

Lieut-Colonel R.E.

Superintendent of Works

in Charge of II Circle

Compd. JW /

8951/50

R. No. 668.
25/24. 11. 85. Enc: 4.

Ind 14105
10335

Chepauk
24th Nov/85

No. 2684 D
To

C/E For favor of remarks as to the terms on which it is proposed to make the new appointment

23/11/85

From The Superintending Engineer
2nd Circle

To The Chief Engineer
P. W. D.
Madras

Dated 17th Novr 1885
Despd 19th do
Recd 23 do

Enclos

No 752 S.6

Sangam Project Division — Additional clerk IV class 1st Grade applied for — Informs the condition on which the — will be employed

(with 1830 C of 12.11.85 in original, to be retd.)

Reply to No 2684D d/24-11-85

[C. No. 8.]

2951/57

GOVT, OF MADRAS. } 1885. { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 27th November 1885.

OFFICE NOTE No. 690.

30 NOV 85

To
W.

Enc: 5

Under the circumstances explained by the Superintending Engineer, the appointment of clerk IV. Class 1st. Grade may, if Govt. approve, be sanctioned from the Budget Grant for temporary Establishment. There is no necessity for the clerk being sanctioned as permanent. Section 75 of the Civil Pension Code provides for an Officer on the permanent Establishment being detached on temporary duty and with reference to this ruling, the Supg. Engineer may, if he cannot arrange otherwise, select any on the permanent Establishment to fill the temporary post retaining a lien on his substantive appointment.

C.

26.11

KEEP-WITH Genl. No.
dated 188

1830 C of 12/11/85
922 W of 10/4/85
2815 W of 12/4/81
Abgr of 31/[illegible]/81

Dil. 10335

lr 30/11/85
In 2d file

No. 2885 W.

2951/53

B/

P.W. Department

Proceedings of the Madras Government

under date the Dec. 3rd 1885

Read the following:-

Letter from the Supt: of Works II circle	H.E. No. 3 S.E. 2d of 24th Oct./85
Memo: to Do	1830 C of 12th Nov./85
From the Do	752 S.G. of 17th Nov./85
From the Ex: P.W. accts.	690 of 27th Nov./85

With his earlier letter above recorded, the Supt: of Works in charge II circle submits a proposition statement for the re-arrangement of the office establishment of the Executive Engineer, Sangam Project Division.

2. There are at present three temporary clerks in the office, their salaries aggregating Rs 50 per mensem; and it is proposed to add a clerk (IV class 1st grade - Rs 40 to Rs 50) to the establishment and to dispense with the temporary clerks. The Government approve the proposal and sanction the entertainment of the additional clerk with effect from the date of receipt of this order. One temporary clerk on Rs 20 per mensem may be retained till the end of January 1886, as requested.

3. The additional appointment sanctioned will be temporary only, and the Supt: Engr: will be informed that, under the provisions of Section 75 of the

ewed

Civil Pension Code, any clerk on the permanent establishment selected for it will retain a lien on his substantive appointment.

4. The sanction accorded in para 2 has been registered as Provl: No. 49 W of 1885-86, and classified as Establishment, Temporary.

1/12/85

1/12/85

No. 2885 Wd/ Dec. 3. 1885

B W 3/12

Supt. of Works. II Circle

Ex. P.W. accts.

Despd. 4-12-85.

No. 103 KS

2051/3 Ry

Superintending Engineer's Office
2nd Circle, Camp Bezwada
17th April 1885.

From

The Superintending Engineer,
2nd Circle.

To

The Chief Engineer,
Public Works Department.
Through the Examiner P.W. Accounts.

Sir,

I have the honor to request you will be good enough to obtain the sanction of Government for the entertainment of 2 Temporary clerks, V class 1st grade, required for 6 months for the Comtaram and Gudivada Sub Divisions in the Gudivada Division, one as Assistant to the Sub Divisional clerk, and the other as Writer under Temporary Overseer S. Ranganayakulu Naidu.

2 The work in these Sub Divisions is heavy and extra assistance is therefore needed; the Executive Engineer has only just brought to notice the necessity for these 2 extra hands.

3 As no orders have yet been received

from Government on the Tabular statement of Temporary Establishment submitted with this Office letter No 372 Gl: of the 10 February last, a Comparative statement is not now submitted. I request that these two clerks may be entered in the above statement if it has not already been disposed of.

+G.O. No 922
18.4.58 Pro

I have the honor to be,
Sir,
Your most Obdt. Servant.

F. W. Rundall
Superintending Engineer,
2nd. Circle.

Compr. [illegible]

2951/36

G. O. No 922 W. 18-4-85.

EXAMINER
No. 50
24 APR 1885
ENCLOSURES
P. W. ACCOUNTS

(10)

From
The Superintending Engineer
2nd Circle

Sell 3790

To
The Chief Engineer
P. W. D.

Thro. The Examiner
P. W. A.
Madras

Dated 17th April 1885
Despd 19th do
Recd 29 do

No 103 K.S

Gadivada Division –
2 Temporary Clerks V Class 1st grade required for 6 months for Cowtaram & Gudivada Sub Divisions – Requests to obtain the sanction of Govt for the entertainment of –

Endorsement No. 50 S. E. 2d
d/ 28 April 1885.

Forwarded to the Chief Engineer P. W. Department for favor of disposal.

D. C. Gordon
Examiner P. W. Accts
Madras

28/4.

922 W
18/4/85

PUBLIC WORKS DEPARTMENT.

No 1115 W

2951/58

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 12 May 85

READ the following

From the Superintending Engineer II Circle – N. E. No: 103 K. S. d/ 17th April 1885

The entertainment for six months of two temporary clerks on Rs 15 each per mensem, required for the Gudivada and Cowtaram Sub-Divisions of the Gudivada Division, is sanctioned as an addition to the establishment referred to in G. O. No: 922 W dated 18th April 1885.

2. This sanction has been registered as Provincial No: 12 W of 1885-86, and classified as Establishment, Temporary.

C. W.
4. 5. 85

W
6. 5. 85

To
The Suptg. Engr. II Circle
" Examiner P. W. Accts.

D 12/5

(10)

13 P.L. 1115 W of 12 May/

B W

Ay.S. 32/5. Jd 16/5 Sh 17/5

a. 5.5285

No. 2281 M.S.

Superintending Engineer's Office,
2nd Circle Camp Nellore
27th March 1886.

8951/59

From

The Superintending Engineer
2nd Circle

To

The Chief Engineer,
Public Works Department
Madras.

Sir,

1890
G.O. No. 379 W
20-3-86

In continuation of this Office No. 364 G.L. of the 15th February last forwarding for your approval and sanction of Government a statement of temporary establishment required during 1886-87 in the 6 Divisions of this Circle, I have the honor to request you will be good enough to obtain the sanction of Government to the following Establishment required in the Gudivada Division in addition to that included in the statement referred to above.

For the whole year

2 Assistant Clerks for Gudivada and Cowtaram Sub Divisions on Rs 15 each per mensem

1 clerk on Rs 15 per mensem under the Temporary Overseer.

The former 2 clerks were sanctioned in G. O. No. 1115 W. of the 12th May 1885 for employment during 6 months of the Current Official year and the latter clerk is required for the Temporary Overseer recently posted to this Division. The Executive Engineer of the Division urges the necessity for the employment of these 3 clerks, and I am also of opinion that they are necessary. Under these Circumstances, I beg to request you will be pleased to obtain the early sanction of Government for their employment.

2. The usual tabular statement showing the revision of Establishment is not submitted in this case, as the general statement for the Circle now under Consideration in your Office, contains full particulars.

I have the honor to be,
Sir,
Your most obt. servant,
J. H. Morrant
Superin Lieut Col.

Nos 739W. 20-3.86.
2885W. 3.12.86.
29bW. 3.2.86.
1115W. 12.5.85.

Pub 2468

From,

The Supdg. Engineer,
2nd Circle

31 MAR 86

To,

The Chief Engineer,
P. W. Deptt.

Dated 27th March 1886.

Rec 31

No. 2281 Ks.

Gudivada Division — Additional Temporary Establishment required for 1886-87 in the — Requests sanction for certain —.

B

2951/69

No. 907 W

13

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 2 - April 86

READ the following

From the Supdg. Engineer II Circle. H. E. No: 2281 K. S. d/27th March 1886.

The entertainment, during 1886-87, of three clerks each on Rs 15 per mensem in the Gudivada Division, is sanctioned as an addition to the establishment sanctioned in G. O. No: 739 W dated 20th March 1886.

2. This sanction has been registered as Provincial No: 3 W of 1886-87, and classified as Establishment, Temporary.

2/4/86

D 2/4

To The Supdg. Engr. II Circle ✓
" Examiner of P. W. Accts. ✓

2. 4.

1/4

B 11/4
B. No. 907 D. d/2-4.

SOC 3/11. [illegible] 7/4

No. 1046. K.I.

Superintending Engineer's Office,
2nd Circle. 27th September 1886.

8951/60

From,

The Superintending Engineer,
2nd Circle.

To,

The Chief Engineer,
Public Works Department,
Madras.

Sir,

I have the honor to bring to your notice that the amount sanctioned in G.O. No. 739. W. of the 20th March 1886, for the temporary Survey Establishment in the Gudivada Division will be fully utilized by the end of the next month.

2. The Executive Engineer of that Division states, that the retention of the services of the Surveyor to the end of the current Official year, appears to him absolutely necessary for the completion of the survey and levels of the Buntumilli Canal, Budemeru Embankment, and Kollair lake. I, therefore request you will be good enough to obtain the sanction of Government to the following survey

Establishment for 5 months from November 1886.

Surveyor on ———	Rs 80.
6 Lascars at Rs 6 each —	" 36
Total for 1 month	Rs 116.
Total for 5 months —	Rs 580

I have the honor to be,

Sir,

Your most Obedient Servant,

Superintending Engineer,
2nd Circle.

Compd

8951
61

P.W.C. No. 7681

From,

The Supdg. Engineer,
2nd Circle.

To,

The Chief Engineer,
P. W. D.

Dated 27th Septr. 1886.
Despd. 29th —do—.
Recd: 4.10.86

No. 1046 K.C.

No. 3450 C d/ 5-10-86

Survey Establishment in Gudivada Division, Kistna. Requesting to obtain Govt's Sanction to certain — for 5 months from Novr. 1886.

B/

Second Circle   Public Works Department.   Sangam Project Division

Supplemental statement of Temporary Establishment required for 1886-87

Division.	Class	No.	Designation.	Rate	Amount	Total	Remarks.
				Rs.	Rs.	Rs.	
Sangam Project.	Petty	2	Watchmen on Rs. 6 each	12			Required to watch the Stores of Shts and some valuabl plant now in hand, till can be overhauled & got rid
		1	Fitter	16			To look after, keep in order, and attend to removal el of Portable Engine, Pum Several cranes, crab Winche
		1	Engine Driver	10			
		1	Lascar for Cashier at Bucchireddipolem	6			Required for the safety of the C Chest & for assisting the Cash in making payments to coolies
				44			
			Total for 5 months from 1st October 1886 to 28th February 1887		220		
	Office	1.	Draftsman from 1st November 1886 to 28th February 1887 = 4 months	40	160		The Drawingwork in the o is still very heavy.
						380	

2951/63

Superintending Engineer,
2nd Circle

No. 3450 C.d/ 5th Octr. 1886

8951/68

Memorandum.

With advertence to his letters Nos: 1046 K. S. and 602 S. G. dated 27th September 1886, applying for sanction to certain temporary establishment required for the Gudivada and the Sangam Project Divisions, the attention of the Suptg. Engineer II Circle is drawn to the Chief Engineer's circular No: 580 C dated 11th March 1884, in view to a proposition statement in form No: 164 M. being submitted for sanction.

5/10/86

5/10/86

To The Suptg. Engr. II Circle

Despd.
5/10/86
5/10

G. O. No. 739 W d/ 20-3-86
" " 209 W " 25-1-86
R. No. 907 W d/ 2-4-86
" " 2885 W " 3-12-85
B. " 1115 W d/ 12-6-85
No. 2760 D d/ 5-12-85
" 140 C d/ 11-1-86
" 2717 D d/ 27-11-85
" 1775 C d/ 6-11-85

No. 4450 d/ 6 Oct 188

2951 W

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188 . 64

P. W. DEPARTMENT.

Current No. 10103.

From S. E. 2nd Circle

ENCLOS.—

No. 752 Slg
Dated 17. 11. 85
Received 23 " "

SUBJECT.

Enquiring how the extra Clerk applied for for the [illegible] Division would be ~~appt~~ employed

DISPOSAL.

No. 2667 Dated 24th Nov/85

To C. E.

Your favour of remarks as to the terms on which it is proposed to make the new appointment.

BW 24/11

Superintending Engineer's Office,
2nd Circle, 27th September 1886.

Superintending Engineer,
2nd Circle,

8951/82

Chief Engineer,
Public Works Department.

ve the honor to forward herewith
val, and sanction of Government
d Statement of temporary esta
ecessarily required for the
t Division during the current

. O. No. 739 W. of the 20th March
n for the Stores, and Workshops
d till the 30th September 1886,
ary Draftsman till the 31st
Application is, therefore, now made
ued employment.

in for a Fitter and Engine
e hitherto charged to the work
were employed, and for
nt, repairs etc. respectively
in the enclosed Statement

G. O. No. 739 W d/ 20-3-86
" " 209 W " 25-1-86
A. No. 907 W d/ 2-4-86
" " 2885 W " 3-12-85
B. " 1115 W d/ 12-6-85
No. 2760 D d/ 5-12-85
" 140 C d/ 11-1-86
" 2717 D d/ 27-11-85
" 1775 C d/ 6-11-85

[illegible] 24/11/85

G. O. A 922 W d/ 18-4-85
" B 2815 W d/ 12-11-81
" 2667 W d/ 31-10-81

2951/65

2951/65

[illegible]

No. 602 LG Superintending Engineer's Office,
2nd Circle, 27th September 1886.

From,

The Superintending Engineer,
2nd Circle,

To,

2951/65

The Chief Engineer,
Public Works Department.

ve the honor to forward herewith
oval, and sanction of Government,
l Statement of temporary esta
ecessarily required for the
t Division during the current

O. No. 739 W. of the 20th March
en for the Stores, and Workshops
d till the 30th September 1886,
ary Draftsman till the 31st
Application is, therefore, now made
for their continued employment.

3. Provision for a Fitter and Engine Driver who were hitherto charged to the work on which they were employed, and for Tools and Plant, repairs etc. respectively is now made in the enclosed Statement

G. O. No 739 W a/ 20-3-86
" " 209 W " 25-1-86
A. No 907 W d/ 2-4-86
" " 2885 W " 3-12-85
B. " 1115 W a/ 12-6-85
No 2760 D d/ 5-12-85
" 140 C a/ 11-1-86
" 2717 D a/ 27-11-85
" 1775 C a/ 6-11-85

G. O. A 922 W a/ 18-4-85
" B 2815 W a/ 12-11-8
" 2667 W a/ 31-10-8

2951/85

No 602 SG. Superintending Engineer's Office,
2nd Circle, 27th September 1886.

From,

The Superintending Engineer,
2nd Circle,

2951/86

To,

The Chief Engineer,
Public Works Department.

Sir,

Enclo: One.

I have the honor to forward herewith for your approval, and sanction of Government, a supplemental Statement of temporary establishment necessarily required for the Sangam Project Division during the current official year.

2. In G. O. No 739 W. of the 20th March 1886, 2 Watchmen for the Stores, and Workshops were sanctioned till the 30th September 1886, and a Temporary Draftsman till the 31st October 1886. Application is, therefore, now made for their continued employment.

3. Provision for a Fitter and Engine Driver who were hitherto charged to the work on which they were employed, and for Tools and Plant, repairs etc. respectively is now made in the enclosed Statem as there will not be enough work to give regular employment to the Fitter, owing to the Workshops having nearly been closed. If thought advisable, the Engine Driver might still be charged to Tools and Plant, Repairs etc. or separate sanction, as applied for by the Executive Engineer, may be given.

4. The necessity for the Supplemental Statement will be found explained in the remarks column of the enclosed supplemental statement.

I have the honor to be,
Sir,
Your most obedient Servant,

Superintending Engineer,
2nd Circle.

Compd

From
The Superintending Engineer
2nd Circle

To
The Chief Engineer
P. W. D.
Madras

Dated 27th September 1886
Despd 30
Recd 4/10 86

No 602 L G

No 3450 C of 5-10-86

Temporary Establishment required for Sangam Project Division during the current official year — Supplemental Statement of — Forwards for sanction of Govt. a —

No 218 E L

Superintending Engineer's Office
2nd Circle Bezwada
21st October 1886.

8951/68

From
The Superintending Engineer
2nd Circle

To
The Chief Engineer
Public Works Department

Through the Examiner, P. W. Accounts, Madras

Sir

With reference to your memo No 3450 C of the 5th Instant, I have the honor to submit herewith for your approval and sanction of Government a "Proposition Statement in Form No 184 M." for the Temporary Establishment required for the Sangam Project, and Gudivada Divisions.

2. The reasons for the revision of the Establishment have already been given in this Office letters quoted in your memo under reference.

3. The Executive Engineer Gudivada Division has applied for the continued employment of the Surveyor, and the 6 lascars, during March 1886 also, but as provision for this will have to be made in the next year's Statement

it has been omitted in the enclosed Statement.

I have the honor to be
Sir
Your most Obt Servant

Superintending Engineer 2d Circle

Compd [illegible]

3951
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895
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No. 32152 282
27 OCT 1880
Enclosures 1

From
The Superintending Engineer
2d Circle

To The Chief Engineer
Public Works Dept
thro the Examiner P.W.A.

Dated 21st October /80

Encl 1

No 218 E.C.

Temporary Establishment
Statement of Proposition
for revision of — required
for Sangam Project & Undi-
vara Divisions — forwards the
— for appro-
val & sanction of Govt —

Statement of Proposition for Revision of Establishment.

Order sanctioning present establishment, Govt. of Madras Public Works Department: No.	Date	Office to which the proposition refers	Nature of change: Present scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average or Fixed	Proposed scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average or Fixed	Proposition: Permanent: Increase per month: Amount	Decrease per month: Amount	Temporary: Increase for month: Period	Amount	Decrease for month: Period	Amount	Remarks by Local Govt.
				For the whole year						For the whole year											
739W	20th March 1886		2	Watchmen	-	-	-	12	4	Watchmen	-	-	-	24			12	12			
			1	Storekeeper	-	-	-	25	1	Storekeeper	-	-	-	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							
			1	Clerk 4th Class 1st Grade	-	-	-	40	1	Clerk 4th Class 1st Grade	-	-	-	40							
779W	23rd March 1886	Division	1	Kanigiri Sub Division Clerk	-	-	-	15	1	Kanigiri Sub Division Clerk	-	-	-	15							
			1	Sangam Detached Officer's Clerk	-	-	-	15	1	Sangam Detached Officer's Clerk	-	-	-	15							
									1	Draftsman	-	-	-	40			12	40			
				Total	-	-	-	168		Total	-	-	-	220			12	52			
				For the whole year	-	-	-	2016		For the whole year	-	-	-	2640				624			
				For certain months during the year						For certain months during the year											
1395W	2nd June 1886	Project	1	Draftsman from 1st May 1886	-	-	-	40	1	Draftsman from 1st May 1886	-	-	-	40							
				For 10 months	-	-	-	400		For 10 months	-	-	-	400							
739W	20th March /86		1	Surveyor	-	-	-	80	1	Surveyor	-	-	-	80							
			6	Lascars	-	-	-	36	6	Lascars	-	-	-	36							
			1	Draftsman	-	-	-	40	-	Provided for under the head "For the whole year"	-	-	-	-					8	40	
				Total	-	-	-	156		Total	-	-	-	116					8	40	
				For 8 months	-	-	-	1248		For 8 months	-	-	-	928					-	320	
do	do	Sangam	1	Workshop writer	-	-	-	15	1	Workshop writer	-	-	-	15							
			1	Carpenter maistry	-	-	-	30	1	Carpenter maistry	-	-	-	30							
			1	Overseer for cooly camp	-	-	-	30	1	Overseer for Cooly Camp	-	-	-	30							
			2	Watchmen	-	-	-	12		Provided for under the head "For the whole year"	-	-	-	-					7	12	
			1	Hospital Assistant	-	-	-	35	1	Hospital Assistant	-	-	-	35							
			2	Cooks	-	-	-	14	2	Cooks	-	-	-	14							
			9	Lascars	-	-	-	54	9	Lascars	-	-	-	54							
			18	Scavengers @ 5 Rs	-	-	-	90	18	Scavengers	-	-	-	90							
			1	Scavenger Maistry	-	-	-	10	1	Scavenger Maistry	-	-	-	19							
				Total	-	-	-	290		Total	-	-	-	278					7	12	
				For 7 months	-	-	-	2030		For 7 months	-	-	-	1946						84	
832W	26th March 1886		5	Lascars	-	-	-	30	5	Lascars	-	-	-	30							
				For 6 months	-	-	-	180		For 6 months	-	-	-	180							
														6094				624		404	
				Carried over	-	-	-	5874													

8951
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				Brought over	5874		Brought over	6094			62.12	404
739 W	20th March 1886	Sangam Project Division	1	Fitter	40	1	Fitter	40				
				For 4 months	160		For 4 months	160				
						1	Fitter	16		5	16	
						1	Engine Driver	10		5	10	
						1	Lascar for Cashier at Boochireddipalem	6		5	6	
							Total	32		5	32	
							For 5 months from 1st October 1886	160			160	
				Total Sangam Project Division	6034		Total Sangam Pro. Dn	6414			784	404
				For the whole year			For the whole year			3	60	
739 W	20th March 1886	Division	1	Clerk 3rd Class 2nd Grade	60	1	Clerk 3rd Class 2nd Grade	60				
			1	-do- 4th do 1st -do-	40	1	-do- 4th do 1st -do-	40				
			1	-do- 4th do 2nd -do-	30	1	-do- 4th do 2nd -do-	30				
			2	-do- 4th do 3rd do	40	2	-do- 4th -do- 3rd -do-	40				
			1	-do- 5th -do- 1st do	15	1	-do- 5th -do- 1st -do-	15				
			1	Draftsman 1st grade	50	1	Draftsman 1st grade	50				
			1	-do- 3rd do	20	1	-do- 3rd do	20				
			1	~~Messenger~~	7	1	Messenger	7				
			1	-do-	6	1	-do-	6				
		Gudivada	2	Clerks for Sub Dns	40	2	Clerks for Sub Division	40				
			2	Messengers for -do-	12	2	Messengers for -do-	12				
			2	Clerks for Overseers	30	2	Clerks for Overseers	30				
			1	Storekeeper	25	1	Storekeeper	25				
			3	Lascars for Division Office	18	3	Lascars for Division Office	18				
			6	-do- for 2 Sub Dns	36	6	-do- for 2 Sub Dns	36				
			2	-do- for 2 Overseers	12	2	-do- for 2 Overseers	12				
907 W	2nd April 1886		2	Asst. Clerks for 2 Sub Division	30	2	Asst. Clerks for 2 Sub Division	30				
			1	Clerk under Tempy. Overseer	15	1	Clerk under Tempy. Overseer	15				
				Total	486		Total	486				
				For the whole year	5832		For the whole year	5832				
				For certain months during the year			For certain months during the year					
739 W	20th March 1886		1	Surveyor	100	1	Surveyor	100				
			6	Lascars	36	6	Lascars	36				
				Total	136		Total	136				
				For 6 months	816		For 6 months	816				
						1	Surveyor from 1st [illegible]	80		4	80	
						6	Lascars do	36		4	36	
							Total	116		4	116	
							For 4 months	464			464	
				Total Gudivada Dn	6648		Total Gudivada Dn	7112			464	

Superintending Engineer's Office 2nd Circle
21st October 1886

[illegible]
[illegible] Engineer 2nd Circle

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321 Sc No

2nd Circle

Statement of Proposition
for Revision of Temporary
Establishment
1886-87

8951
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1 NOV 86

Enclo. 2

p. 10

Endorsement No. 321. Sc
dated 1st November 1886

Forwarded to the Chief Engineer P.W. Department, with the remark that that portion of the sanctioned Establishment mentioned in the column "Present Scale" has been checked and found correct.

D. C. [illegible]

Examiner, P.W. Accts
Madras.
Ch. 1/11

A/

2951/76

Genl Estabt

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Suptg. Engineer II Circle. H. E. No: 102 S. G. d/27th September 1886.
Memo to the Suptg. Engr. II Circle. No: 3460C d/5th October 1886.
Letter from the Suptg. Engineer II Circle. H. E. No: 218 G. L. d/21st October 1886.
Endorsement by the Examiner of P. W. Accts. H. E. No: 321 S. E. II d/1st November 1886.

with statement

Sangam - increase Rs 380
Gudivada — do — 464.

The revised statement of temporary establishment required for the Sangam Project and the Gudivada Divisions during 1886-87, is sanctioned.

2. This sanction has been registered as Provincial No: 47 W of 1886-87, and classified as Establishment, Temporary.

Des
17/11

9/11/86.

To
The Suptg. Engr. II Circle
" Examiner of P. W. Accts.
" Chief Engr for Irrigation

3.11

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Govt. of {1886} Madras.

PUBLIC WORKS.

11/11/86

Dated

Recd. Encl.

G.O., 10th November 1886. No. 2951.

Estabt.

A revised statement of temporary — required for the Survey project of the [illegible] division during 1886-87 Sanctioned.

30/4

[illegible] 11