(1) பக்கங்களின் எண்ணிக்கை ____

(2) புதுக்கித் திருப்பிய நாள் ஜனவரி. 1989

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(29)

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண். 810	அச்சகம் பலவகை
நாள் : 16-3-1889 ~~198~~.	

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

26. Sheets

21 + 7 Statements

ஆவண. கா-1—18,006—15-8-87.

16TH MARCH 1889, No. 810 W., PUBLIC WORKS.

810

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers:—

Note by the Chief Engineer for Irrigation.

No. 19 E.W.

The accompanying proposition statement of establishment required from 1st March 1889 to 28th February 1890, for the Tank Restoration Scheme, is submitted for the sanction of Government.

2. The first statement printed with G.O., No. 767 I., of 22nd December 1888, shows that the margin between investigation and execution was about 5 lakhs at the end of September 1888. This is considered sufficient, and since the six parties, as at present constituted, turn out estimates exceeding in amount the annual grant available for "works," it is proposed to further reduce the strength of each party to one overseer, three surveyors, and proportionate office and petty establishment. The office and petty establishment may be reduced at once, from 1st April, and reduced provision for these has accordingly been made in the accompanying statement; but as resignations are frequent in the Tank Restoration establishment, it is proposed to effect the reduction among overseers and surveyors gradually, as vacancies occur, and not by dispensing with the services of the extra men at once, since the latter course would only involve the loss of practised men, while the vacancies that are sure to occur in the next few months would have to be filled up by men unaccustomed to the work. It is anticipated that the proposed scale will be worked down to in six months or less; meanwhile the numbers at present actually employed are provided for in the statement.

3. As proposed in the note accompanying G.O., No. 3978 W., dated 19th December 1888, two sub-parties will be started in the Godávari district, from 1st April, one to be under the Executive Engineer, Eastern division, and one under the Executive Engineer, Western division; each sub-party to consist of one overseer, two surveyors, and office and petty establishment. These sub-parties will be furnished with overseers and surveyors by transfer from the existing parties.

4. It is also proposed to start a small party in Vizagapatam district, which will be under the orders of the Executive Engineer, Vizagapatam division, and will similarly be furnished with an overseer and two surveyors from the existing parties, whose proposed reduction will thus be almost wholly effected.

5. The amount of sanctioned estimates in Chingleput being about 4 lakhs in advance of the expenditure up to date in that division, it is considered inexpedient to add to the former by preparing more estimates, many of which would probably be rendered obsolete by breaches, weather, &c., before there can be any hope of their being worked out. It is therefore further proposed to transfer No. II Party on the completion of the Chembrambakam minor basin in May to Tinnevelly, in which district it will begin work at the southern extremity, working northwards to meet

1 H

No. I Party which will shortly be entering the northern part of the district from Madura. No. II Party while in Tinnevelly will be under the Executive Engineer, No. I Party, and as No. IV Party will be entering Salem district about the same time that No. II Party moves to Tinnevelly, No. V Party (North Arcot) may conveniently be combined under the Executive Engineer with No. IV Party, and one Executive Engineer thus set free for employment on the ordinary Public Works establishment or elsewhere. The completion of Chingleput district may meanwhile be deferred until some of the large amount of estimates relating to it has been worked off.

6. A statement of the upper subordinates required is submitted for the first time; it cannot, therefore, contain a comparison with the "present scale;" it is, however, in exact accordance with present actuals.

7. The estimate for surveyors and for petty establishment chargeable to "works" will be disposed of in the Irrigation Branch.

CHEPÂK,
8th March 1889.

(Signed) G. T. WALCH,
Ag. Chief Engineer for Irrigation,
Tank Restoration Scheme.

To the Chief Engineer, Public Works Department.

ENCLOSURES.

PROPOSITION STATEMENT showing the special establishment required for the Tank Restoration Scheme for 1889-90.

Number.	Date.	Office to which the proposition refers.	Nature of Charges.						Proposition.					
			Present scale.			Proposed scale.			Permanent.		Temporary.			
									Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
			Number.	Designation.	Average or fixed pay.	Number.	Designation.	Average or fixed pay.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
					RS.			RS.	RS.	RS.		RS.		RS.
G.O., No. 3978 W.	Dated 19th December 1888.	Head-quarters office, Tank Restoration Scheme.	1	Clerk (or Manager)	160	1	Clerk (or Manager)	170	..	..	..	10	For twelve months.	..
			1	Head Clerk	92	1	Head Clerk	96	..	..	..	4		..
			1	Clerk	36	1	Clerk	36	..	..	..	..		..
			1	Do.	30	1	Do.	30	..	..	..	..		..
			1	Do.	22	1	Do.	22	..	..	..	..		..
			1	Do.	17	1	Do.	17	..	..	..	..		..
			1	Draftsman, 1st class	92	1	Draftsman, 1st class	96	..	..	..	4		..
			1	Do. do.	62	1	Do. do.	62	..	..	..	..		..
			1	Do. do.	50	1	Do. do.	40	..	..	..	..		10
			1	Do. do.	38	1	Do. do.	38	..	..	..	..		..
			1	Do. do.	35	1	Do. do.	25	..	..	..	..		10
			1	Do. do.	30	1	Do. do.	30	..	..	..	..		..
			1	Do. do.	30	1	Do. do.	30	..	..	..	..		..
			6	Clerks, at Rs. 12 each	72	6	Clerks, at Rs. 12 each	72	..	..	..	..		..
			1	Muchee	12	1	Muchee	12	..	..	..	..		..
			1	Messenger	10	1	Messenger	10	..	..	..	..		..
			2	Messengers	12	2	Messengers	12	..	..	..	..		..
			1	Lascar	7	1	Lascar	7	..	..	..	..		..
			2	Lascars	12	2	Lascars	12	..	..	..	..		..
				Total for month ..	819		Total per mensem ..	817	..	..	..	18		20
				Total for two months ..	1,638		Total per annum ..	9,804	..	..	..	216		240
		No. I Party, Tank Restoration Scheme.	1	Clerk	35	1	Clerk	35	..	..	..	..		..
			1	Do.	25	1	Do.	25	..	..	..	..		..
			1	Clerk or Assistant Draftsman	20	1	Clerk or Assistant Draftsman	20	..	..	..	..		..
			1	Draftsman	50	1	Draftsman	50	..	..	..	..		..
			1	Do.	40	1	Do.	40	..	..	..	..		..
			5	Lascars	30	4	Lascars	24	..	..	..	..		..
							Total per mensem ..	194	..	..	..	..		..
							Total per annum ..	2,328	..	..	..	..		..
			1	Clerk	20	1	Clerk from 1st to 31st March 1889 ..	20	..	..	..	..	For one month.	20
			1	Do.	20	1	Do. from 1st to 31st ,, ,, ..	20	..	..	..	..		20
						1	Lascar from 1st to 31st ,, ,, ..	6	..	..	..	..		6
				Total for month ..	240			..	..	..	..	..	..	46
				Total for two months ..	480		Total ..	2,374	..	..	..	..	..	506

Proposition statement showing the special establishment required for the Tank Restoration Scheme for 1889-90—*cont.*

Number.	Date.	Office to which the proposition refers.	NATURE OF CHARGES.						PROPOSITION.					
			Present scale.			Proposed scale.			Permanent.		Temporary.			
									Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
			Number.	Designation.	Average or fixed pay.	Number.	Designation.	Average or fixed pay.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
3978 W.	December 1888.	No. II Party, Tank Restoration Scheme.			RS.			RS.	RS.	RS.		RS.		RS.
			1	Clerk	35	1	Clerk	35	..	..	..	..	For twelve months.	..
			1	Do.	25	1	Do.	25	..	..	..	..		..
			1	Do. or Assistant Draftsman ..	25	1	Do. or Assistant Draftsman ..	25	..	..	..	..		..
			1	Draftsman	60	1	Draftsman	60	..	..	..	..		..
			1	Do.	40	1	Do.	40	..	..	..	..		..
			5	Lascars	30	4	Lascars	24	..	..	..	..		..
							Total per mensem ..	209	..	..	..	..		..
							Total per annum ..	2,508	..	..	..	..		..
			1	Clerk	20	1	Clerk from 1st to 31st March 1889 ..	20	..	..	..	..	For one month.	20
			1	Do.	20	1	Do. from 1st to 31st ,, ,, ..	20	..	..	..	..		20
						1	Lascar from 1st to 31st ,, ,, ..	6	..	..	..	..		6
				Total for month ..	255			..	..	..	..	..	..	46
				Total for two months ..	510		Total ..	2,554	..	..	..	..	..	506
		No. III Party, Tank Restoration Scheme.	1	Clerk	40	1	Clerk	40	..	..	..	..	For twelve months.	..
			1	Do.	25	1	Do.	25	..	..	..	..		..
			1	Do. or Assistant Draftsman ..	25	1	Do. or Assistant Draftsman ..	25	..	..	..	..		..
			1	Draftsman	70	1	Draftsman	50	..	..	..	..		20
			1	Do.	30	1	Do.	30	..	..	..	..		..
			5	Lascars	30	4	Lascars	24	..	..	..	..		..
							Total per mensem ..	194	..	..	..	..		20
							Total per annum ..	2,328	..	..	..	..		240
			1	Clerk	20	1	Clerk from 1st to 31st March 1889 ..	20	..	..	..	..	For one month.	20
			1	Do.	20	1	Do. from 1st to 31st ,, ,, ..	20	..	..	..	..		20
						1	Lascar from 1st to 31st ,, ,, ..	6	..	..	..	..		6
				Total for month ..	260			..	..	..	..	..	..	46
								..	..	..	..	..	..	506
				Total for two months ..	520		Total ..	2,374	..	..	..	..	..	746
		Restoration	1	Clerk	40	1	Clerk	40	..	..	..	..	twelve months.	..
			1	Do.	25	1	Do.	25	..	..	..	..		..
			1	Do. or Assistant Draftsman ..	20	1	Do. or Assistant Draftsman ..	20	..	..	..	..		..
			1	Draftsman	40	1	Draftsman	40	..	..	..	..		..
			1	Do.	30	1	Do.	30	..	..	..	..		..
			5	Lascars	30	4	Lascars	24	..	..	..	..		..

G.O., No.	Dated 19th	No. IV Party, Tank Scheme.					Total per mensem ..	179	..	..	..	..	For	..
							Total per annum ..	2,148	..	..	..	..		..
			1	Clerk	20	1	Clerk from 1st to 31st March 1889 ..	20	..	..	..	..	For one month.	20
			1	Do.	20	1	Do. from 1st to 31st ,, ,, ..	20	..	..	..	..		20
			1	Draftsman	20	1	Draftsman from 1st to 31st March 1889	20	..	..	..	..		20
						1	Lascar from 1st to 31st ,, ,,	6	..	..	..	..		6
				Total for month ..	245			..	..	..	..	..	..	66
				Total for two months ..	490		Total ..	2,214	..	..	..	..	..	726
		No. V Party, Tank Restoration Scheme.	2	Clerks	40	2	Clerks	40	..	..	..	..	For twelve months.	..
			1	Draftsman	50	1	Draftsman	50	..	..	..	..		..
			1	Do.	20	1	Do.	20	..	..	..	..		..
			4	Lascars	24	3	Lascars	18	..	..	..	..		..
				Total for month ..	134		Total per mensem ..	128	..	..	..	..		..
				Total for two months ..	268		Total per annum ..	1,536	..	..	..	..		..
						1	Lascar	6	..	..	..	..	For one month.	6
							Total ..	1,542	..	..	..	..	..	66
		No. VI Party, Tank Restoration Scheme.	1	Clerk	35	1	Clerk	35	..	..	..	..	For twelve months.	..
			1	Do.	20	1	Do.	20	..	..	..	..		..
			2	Draftsmen	80	2	Draftsmen	80	..	..	..	..		..
			4	Lascars	24	5	Lascars	30	..	..	..	6		..
				Total for month ..	159		Total per mensem ..	165	..	..	..	6		..
				Total for two months ..	318		Total per annum ..	1,980	..	..	..	72		..
		No. VII Party, Tank Restoration Scheme.					*Godávari Eastern Party.*							
						1	Clerk	20	..	..	For eleven months.	20	..	..
						1	Draftsman	30	..	..		30	..	..
						1	Lascar	6	..	..		6	..	..
							Total for month ..	56	..	..		56	..	..
							Total for eleven months from 1st April 1889.	616	..	..		616	..	..
							Godávari Western Party.							
						1	Clerk	20	..	..		20	..	..
						1	Draftsman	30	..	..		30	..	..
						1	Lascar	6	..	..		6	..	..
							Total for month ..	56	..	..		56	..	..
							Total for eleven months from 1st April 1889.	616	..	..		616	..	..
		No. VIII Party, Tank Restoration Scheme.					*Vizagapatam.*							
						1	Clerk	20	..	..		20	..	..
						1	Draftsman	20	..	..		20	..	..
						1	Lascar	6	..	..		6	..	..
							Total for month ..	46	..	..		46	..	..
				Total for two months ..	4,224		Total for eleven months ..	506	..	..		566	..	..
				Grand Total for twelve months ..	25,344		Grand Total ..	24,580	..	..		2,026	..	2,790

(Signed) G. T. WALCH,
Ag. Chief Engineer for Irrigation, Tank Restoration Scheme.

STATEMENT of Upper Subordinates required for the Tank Restoration Scheme.

Party.	Number of Overseers.	Salary of each Overseer.
		RS.
No. I	1	80
„ II	1	60
„ III	1	60
„ IV	1	80
„ V	1	60
„ VI	2	60
„ VII	1	100
	1	60
„ VIII	1	60

(Signed) G. T. WALCH,
Ag. Chief Engineer for Irrigation,
Tank Restoration Scheme.

CHEPÂK,
4th March 1889.

From the Examiner, Public Works Accounts, dated 14th March 1889, No. 334.

ORDER—dated 16th March 1889, No. 810 W., Public Works.

The proposals of the Chief Engineer for Irrigation for continuing and extending the operations of the Tank Restoration Scheme during 1889-90 are approved, and the statement of special establishment required during the year is sanctioned.

2. Provision for the requisite upper subordinate establishment will be made separately.

3. This sanction has been registered as Provincial No. 74 W. of 1888-89, and classified as Establishment, Temporary.

(True Extract.)

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

To the Chief Engineer for Irrigation.
To Superintending Engineers.
To the Examiner, Public Works Accounts.
„ Revenue Department.

Exd. J. Henricus.
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810

4

GENERAL.
ESTABLISHMENT.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated March, 16th.

Recd. *Encl.*

G.O., 16th Mar. 1889, No. 810 W.

MARCH.

Tank Restoration Scheme

Orders approving proposals of the Chief Engineer for Irrigation for continuing and extending the operations of the — during 1889-90.

22nd December 1888, No. 767 I., Public Works.

810

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

Read—the following paper:—

No. 195 I.

Note by the Chief Engineer for Irrigation.

The accompanying statements, showing progress made with investigation on Tank Restoration operations in the half-year ending 30th September 1888, are submitted for the information of Government.

2. The area of minor basins entered upon at the beginning of the half-year was 8,684 square miles, of which 7,233 had been completely investigated. These areas had been respectively advanced at the end of the half-year by 1,126 and 1,784 square miles, bringing the totals up to 9,810 square miles entered upon, of which 9,017 had been completed—a larger advance than had been made in the whole of the previous year.

3. During the half-year estimates amounting to Rs. 2,26,624 were sanctioned, and the cost of the establishment, &c., employed on investigation during the same period was Rs. 64,391, or 28·4 per cent. of the amount of estimates.

4. These figures show a great improvement in all respects on previous years, but the cost of outturn is still, it is thought, capable of reduction, and efforts will be made to bring it down to a smaller proportion compared with the amount of estimates.

5. The total amount of estimates sanctioned from the commencement of operations up to 30th September 1888 was Rs. 12,51,020, against which the total expenditure incurred (excluding establishment charges and tools and plant) was Rs. 7,54,490, leaving Rs. 4,96,530 as the unexpended balances of estimates. This is considered a sufficient margin between "Investigation" and "Execution," and the strength of three out of the five parties has accordingly been for a time reduced to somewhat below the sanction.

(Signed) G. T. WALCH,
Ag. Chief Engineer for Irrigation.

Chepâk,
20th December 1888.

To the Acting Joint Secretary to Government,
Public Works Department, Irrigation Branch.

5

ENCLOSURES.

STATEMENT showing progress made in Tank Restoration operations (Investigation and Execution) up to 30th September 1888.

Basin.	Minor basin.	Groups.	Area of groups.	Area completed	Progress made in Investigation.	PROGRESS MADE IN EXECUTION.						
						Estimates sanctioned and sent for execution up to 30th September 1888.		Deduct estimates of Zemindari and private works.		Total estimates handed over to Public Works Department for execution up to 30th September 1888.		Estimates worked out.
						Number.	Amount.	Number.	Amount.	Number.	Amount.	
1	2	3	4	5	6	7	8	9	10	11	12	13
							RS.		RS.		RS.	RS.
Upper Vaigai River Basin.	Periyakulam ..	Varagandi .. .. Varattaur	192	192	Investigations fully completed, plates and memoirs printed and published.	57	40,571	1	250	56	40,321	40,608
	Butlagundu ..	Manjulaur	208	208	Do. do.	50	48,792	8	15,197	42	33,595	34,644
	Suruliyár	Surulinadi .. .. Suttagangai .. .. Teniaur	504	504	Do. do.	60	1,89,000	4	15,652	56	1,73,348	1,69,609
	Talavaigai ..	Talavaigai	256	256	Do. do.	8	21,689	8	21,689	..	..	..
	Andipatti	Nedukota .. .. Talayuthu odai .. Mavuthu odai	144	144	Do. do.	19	39,977	8	9,734	11	30,243	26,199
	Udamalpet ..	Palaur	400	400	Do. do.	10	46,184	..	..	10	46,184	46,665
	Palni	Do. .. .. Shunmuganadi ..	304	304	Investigations completed	50	1,15,552	13	6,045	37	1,09,507	63,601
Amarávati River Basin.	Upper Amarávati ..	Kuthirayaur	656	656	Investigations completed and plates and memoirs being prepared.	4	10,170	1	1,342	3	8,828	8,484
	Dindigul	Varathaur .. .. Sittaur .. .. Santhanavardani .. Upper Kadavaur ..	432	432	Investigations completed	265	1,08,718	1	42	264	1,08,676	34,676
	Dhárápuram ..	Dalavaipatnam channel. Dhárápuram channel ..	250	250	Investigations completed and estimates amounting to Rs. 1,55,200 were prepared; but, as the works were found beyond the scope of the Tank Restoration scheme, the estimates were sent to Executive Engineer, Coimbatore division.	..	..	..	..	..	..	..
	Kángyam ..	....	180	180	All the works connected with this minor basin are abandoned, and as there has been no cultivation under them for the last ten years, they were not investigated.	..	..	..	..	..	..	..
	Karúr	Nanjakalakurichi .. Pallapaliem .. .. Sinnatharapuram ..	191	100	Investigations not fully completed; out of 19 works, 13 were found to be unimportant; estimates for two channels, amounting to Rs. 90,000, were prepared, but as they do not fall within the scope of Tank Restoration Scheme, the estimates were sent to the Executive Engineer, Coimbatore division.	1	1,278	1	1,278	..	..	..
	Mulanur	Nanjatalayaur .. Sundakapoliem ..	259	259	Investigations completed; out of 27 works in this minor basin, 25 works were found to be unimportant.	2	25,939	..	..	2	25,939	21,232
Nóyil River Basin.	Lower Kadavanaur	Lower Kadavanaur ..	250	250	Field operations completed and estimates prepared, but not sanctioned as yet.	..	..	..	..	..	..	..
	Upper Nóyil ..	Nóyil river group ..	276	276	Investigations completed	23	65,332	..	..	23	65,332	19,501
	Avanáshi	Do. ..	250	250	Do.	32	24,566	..	..	32	24,566	1,511
	Uttukuli	Sambumadai channel group.	132	132	Field operations completed and estimates prepared ..	..	..	..	..	..	..	..
	Tirupúr	Nóyil river group ..	200	200	Do. do. ..	1	887	..	..	1	887	..
Madras Drainage Basin.	Kovalam	Pallaveram .. .. Ottiyambakam .. Ponniar tangal .. Perumbakam .. .. Taiyur tank .. Kalavakam	190	190	Investigations completed and plates printed; memoirs of works being prepared.	158	1,71,606	20	14,619	138	1,56,987	98,682
	Red Hills	Shadayankuppam .. Viyasarpadi .. .. Red Hills .. .. Otteri .. .. Kattangal	337	300	Investigations almost completed; plates of the Shadayankuppam, Viyasarpadi and Red Hills groups have been lithographed.	149	1,82,725	22	19,344	127	1,63,381	1,04,728
	Adayaur	Manimangalam .. Mabipedu .. .. Orattur .. .. Adanur .. .. Mannivakam .. .. Kilakalam, &c. ..	192	170	Investigations in progress	116	1,14,835	27	13,918	89	1,00,917	24,769
	Tirutani	Polayanur .. .. Mangalam .. .. Narthavadi	304	150	Do.	17	12,177	..	..	17	12,177	..
Kundaur River Basin.	Upper Kundaur ..	Odlaguntla .. .. Kondazutur .. .. Madeleru .. .. Kundaur	430	430	Investigations completed; plates lithographed and memoirs prepared, but not printed yet, owing to the financial statement being under revision by Executive Engineer.	15	25,783	..	..	15	25,783	12,557
	Kauli	Ramasamudram .. Peddadepalupuram .. Bandiatmakur .. .. Ayyavarikodur ..	372	372	Do. do. do. ..	21	61,958	..	..	21	61,958	25,602
	Sirvel	....	612	500	Investigations almost completed	23	16,401	..	..	23	16,401	259
	Surnaur	....	385	200	Investigations in progress	1	40	..	..	1	40	..
Minor Drainages No. 25.	Koilkuntla ..	....	352	300	Investigations almost completed	7	1,934	..	..	7	1,934	..
	Minor Drainages, No. 25.	....	240	100	Investigations in progress	3	456	..	..	3	456	..

Statement showing progress made in Tank Restoration operations (Investigation and Execution) up to 30th September 1888—*cont.*

Basin.	Minor basin.	Groups.	Area of groups.	Area completed.	Progress made in Investigation.	PROGRESS MADE IN EXECUTION. Estimates sanctioned and sent for execution up to 30th September 1888. Number.	Amount.	Deduct estimates of Zemindari and private works. Number.	Amount.	Total estimates handed over to Public Works Department for execution up to 30th September 1888. Number.	Amount.	Estimates worked out.
1	2	3	4	5	6	7	8	9	10	11	12	13
							RS.		RS.		RS.	RS.
Hindri River Basin.	Dhonavagu ..	Peddacheruvu .. Yepudinni .. .. Bandimadugula .. Ramagiri	368	368	Investigations completed and plates being prepared.	33	20,667	..	..	33	20,667	9,967
	Upper Hindri ..	Mulagudam .. .. Devarakonda .. .. Karivemula .. .. Mannikunta	632	632	Investigations completed	26	12,154	..	..	26	12,154	3,996
	Lower do. ..	Sudareddi .. .. Lowticheruvu .. .. Ulavandikonda .. Lingabunda	312	312	Do.	18	11,032	1	293	17	10,739	7,220
		Grand Total ..	9,810	9,017		1,169	13,70,423	115	1,19,403	1,054	12,51,020	7,54,510
		Total up to 31st March..	8,684	7,233		866	11,43,799	115	1,19,403	751	10,24,396	6,07,583
		Difference ..	1,126	1,784		303	2,26,624	..	..	303	2,26,624	1,46,927

(Signed) G. T. WALCH,
Ag. Chief Engineer for Irrigation.

810

STATEMENT showing the expenditure incurred up to 30th September 1888 against the special grant for Tank Restoration Works.

Particulars.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	Half-year ending 30th Sept. 1888.	Total.
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Investigation.							
Engineer establishment	25,525	48,921	60,930	59,851	33,501	23,453	2,52,181
Upper Subordinate establishment ..	7,778	24,663	36,027	46,139	9,288	10,505	1,34,400
Lower Subordinate and petty establishment	264	1,843	3,365	4,746	1,451	970	12,639
Office establishment	6,874	14,654	20,932	28,771	17,190	9,817	98,238
Office contingencies	2,279	3,839	5,374	7,305	1,386	1,161	21,344
Survey establishment and contingencies	2,142	19,521	41,540	62,509	24,500	(*a*) 18,455	1,68,667
Scientific instruments and tents ..	7,194	9,911	5,497	8,185	72	30	30,889
Total ..	52,056	1,23,352	1,73,665	2,17,506	87,388	64,391	7,18,358
Execution.							
Original works	..	6,301	33,585	83,721	1,10,011	62,596	2,96,214
Repairs	1,425	49,557	96,554	1,17,391	1,08,999	84,350	4,58,276
Establishment	..	7,532	29,874	46,253	50,372	33,797	1,67,828
Tools and plant	..	327	1,301	2,011	3,285	2,204	9,128
Total ..	1,425	63,717	1,61,314	2,49,376	2,72,667	1,82,947	9,31,446
Grand Total ..	53,481	1,87,069	3,34,979	4,66,882	3,60,055	2,47,338	16,49,804

(*a*) Includes Rs. 1,637 on account of Lithograph establishment.

MADRAS,
2nd November 1888.

(Signed) C. H. P. CHRISTIE, Major, R.E.,
Examiner, Public Works Accounts.

ORDER—dated 22nd December 1888, No. 767 I., Public Works.

Ordered that a copy of these Proceedings be forwarded to the Government of India with reference to their letter No. 75 A.I., dated 16th August 1888.

(Here enter No. 768 I., dated 22nd December 1888.)

(True Extract.)

(Signed) G. T. WALCH,
Ag. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. J. Henricus.
Spare Copies.

IRRIGATION.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated December, 22nd.

Recd. *Encl.*

G.O., 22nd Dec. 1888, No. 767 I.

DECEMBER.

Tank Restoration Operations

Ordered that the statements showing progress made with investigation on — in the half-year ending 30th September 1888 be forwarded to the Government of India.

19th December 1888, No. 3978 W., Public Works.

810

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

Note by the Chief Engineer for Irrigation.

No. 2973 T.

The accompanying proposition statement of establishment required for the Tank Restoration Scheme for the current official year after 1st January 1889 is submitted to Government for sanction, together with a statement of the required Survey establishment, chargeable to "Works."

2. The Tank Restoration Party in each district deals, in the course of a year, with a considerable number of works, mostly insignificant, in a small area, and this is notably the case in Madura, Chingleput and North Arcot. It is much more difficult to utilise grants under these circumstances than on a few large works in a small area, or on a number of small works spread over a large area, and in order to increase the power of utilising the allotments for the current and future years, it is proposed to start a sixth party, and also to place extra establishment at the disposal of the Superintending Engineer, I Circle, for a commencement of Tank Restoration operations in the Godávari Eastern and Western divisions, where the near completion of the delta works will enable the Executive Engineers to supervise the investigation as well as the execution of Tank Restoration work.

3. It is not proposed to dislocate the arrangements of the Executive Engineers, Godávari Eastern and Western divisions, by allotting to them a special grant thus late in the present official year, and actual execution of works in those divisions will not therefore be begun until April next, but the sixth party might be set to work at once, in order that a certain outturn of estimates may be obtained by the beginning of next official year for the division concerned to begin work upon at once.

4. It is proposed that the sixth party should begin work in Bellary district, and in this proposal the Board of Revenue has expressed its concurrence. If the services of Mr. Amrito Lall Roy Chowdry are again available on his return from privilege leave, he might be placed in charge of the party. Otherwise it will be necessary that one officer should be in charge of No. 6 Party as well as of No. 3, which would be possible though inconvenient, as No. 3 Party will before long move to Cuddapah.

(Signed) S. D. PEARS,
for Ag. Chief Engineer for Irrigation,
Tank Restoration Scheme.

Chepâk,
28th November 1888.

To the Chief Engineer, Public Works Department.

8

4

ENCLOSURE.

PROPOSITION STATEMENT showing the Special Establishment required for the Tank Restoration Scheme for January and February 1888-89.

No.	Date.	Office to which the proposition refers.	Present scale.			Proposed scale.			Proposition.					
			Number.	Designation.	Average or fixed pay.	Number.	Designation.	Average or fixed pay.	Permanent.		Temporary.			
									Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
									Amount.	Amount.	Period.	Amount.	Period.	Amount.
					RS.			RS.	RS.	RS.		RS.		RS.
No. 1852 W.	June 1888.	Head-quarter Office, Tank Restoration Scheme.	1	Clerk, 1st class, 3rd grade (Manager)	220	1	Clerk, 1st class, 3rd grade (Manager)	160	..	..		..	..	60
			1	Do. 3rd do. 1st do.	92	1	Do. 3rd do. 1st do.	92	..	..		..	..	..
			1	Do. 4th do. 2nd do.	36	1	Do. 4th do. 2nd do.	36	..	..		..	..	..
			1	Do. 4th do. 2nd do.	30	1	Do. 4th do. 2nd do.	30	..	..		..	..	..
			1	Do. 4th do. 3rd do.	22	1	Do. 4th do. 3rd do.	22	..	..		..	..	..
			1	Do. 5th do. 1st do.	20	1	Do. 5th do. 1st do.	17	..	..		..	..	3
			1	Draftsman, 1st class	92	1	Draftsman, 1st class	92	..	..		..	..	..
			1	Do. 1st do.	62	1	Do. 1st do.	62	..	..		..	..	..
			1	Do. 2nd do.	50	1	Do. 2nd do.	50	..	..		..	..	..
			1	Do. 2nd do.	38	1	Do. 2nd do.	38	..	..		..	..	..
			1	Do. 2nd do.	35	1	Do. 2nd do.	30	..	..		..	..	..
			2	Draftsmen, 3rd do.	60	2	Draftsmen, 3rd do.	60	..	..		..	..	..
			3	Clerks at Rs. 12 each	36	6	Clerks at Rs. 12 each	72	..	..		36	..	..
			1	Muchee	12	1	Muchee	12	..	..		..	..	..
			1	Messenger	10	1	Messenger	10	..	..		..	..	..
			2	Messengers	12	2	Messengers	12	..	..		..	..	..
			1	Lascar	7	1	Lascar	7	..	..		..	..	..
			2	Lascars	12	2	Lascars	12	..	..		..	..	..
				Total per month ..	846		Total per month ..	819	..	..		36	..	63
				Total per two months ..	1,692		Total per two months ..	1,638	..	..		72	..	126
		No. I Party, Tank Restoration Scheme.	1	Clerk	35	1	Clerk	35	..	..		..	..	..
			1	Do.	25	1	Do.	25	..	..		..	..	..
			2	Clerks	40	2	Clerks	40	..	..		..	..	..
			1	Clerk or Assistant Draftsman	25	1	Clerk or Assistant Draftsman	20	..	..		..	..	5
			1	Draftsman	70	1	Draftsman	50	..	..		..	..	20
			1	Do.	40	1	Do.	40	..	..		..	..	..
			5	Lascars at Rs. 6 each	30	5	Lascars	30	..	..		..	..	..
				Total per month ..	265		Total per month ..	240	..	..	months.	..	..	25
				Total per two months ..	530		Total per two months ..	480	..	..		..	..	50
G.O.,	Dated 21st	No. II Party, Tank Restoration Scheme.	1	Clerk	35	1	Clerk	35	..	..	For two	..	..	..
			1	Do.	25	1	Do.	25	..	..		..	..	..
			2	Clerks	40	2	Clerks	40	..	..		..	..	..
			1	Clerk or Assistant Draftsman	25	1	Clerk or Assistant Draftsman	25	..	..		..	..	..
			1	Draftsman	50	1	Draftsman	60	..	..		10	..	..
			1	Do.	50	1	Do.	40	..	..		..	..	10
			5	Lascars	30	5	Lascars	30	..	..		..	..	..
				Total per month ..	255		Total per month ..	255	..	..		10	..	10
				Total per two months ..	510		Total per two months ..	510	..	..		20	..	20
		No. III Party, Tank Restoration Scheme.	1	Clerk	35	1	Clerk	40	..	..		5	..	..
			1	Do.	25	1	Do.	25	..	..		..	..	..
			2	Clerks	40	2	Clerks	40	..	..		..	..	..
			1	Clerk or Assistant Draftsman	25	1	Clerk or Assistant Draftsman	25	..	..		..	..	..
			1	Draftsman	70	1	Draftsman	70	..	..		..	..	..
			1	Do.	50	1	Do.	30	..	..		..	..	20
			5	Lascars at Rs. 6 each	30	5	Lascars	30	..	..		..	..	..
				Total per month ..	275		Total per month ..	260	..	..		5	..	20
				Total per two months ..	550		Total per two months ..	520	..	..		10	..	40
		No. IV Party, Tank Restoration Scheme.	1	Clerk	35	1	Clerk	40	..	..		5	..	..
			1	Do.	25	1	Do.	25	..	..		..	..	..
			2	Clerks	40	2	Clerks	40	..	..		..	..	..
			1	Clerk or Assistant Draftsman	25	1	Clerk or Assistant Draftsman	20	..	..		..	..	5
			1	Draftsman	40	1	Draftsman	40	..	..		..	..	..
			1	Do.	40	1	Do.	30	..	..		..	..	10
			1	Do.	20	1	Do.	20	..	..		..	..	..
			5	Lascars at Rs. 6 each	30	5	Lascars	30	..	..		..	..	..
				Total per month ..	255		Total per month ..	245	..	..		5	..	15
				Total per two months ..	510		Total per two months ..	490	..	..		10	..	30
		No. V Party, Tank Restoration Scheme.	2	Clerks	50	2	Clerks	40	..	..		..	..	10
			1	Draftsman	50	1	Draftsman	50	..	..		..	..	..
			1	Do.	30	1	Do.	20	..	..		..	..	10
			4	Lascars at Rs. 6 each	24	4	Lascars	24	..	..		..	..	..
				Total per month ..	154		Total per month ..	134	..	..		..	..	20
				Total per two months ..	308		Total per two months ..	268	..	..		..	..	40
		No. VI Party, Tank Restoration Scheme.				1	Clerk	35	..	..		35	..	..
						1	Do.	20	..	..		20	..	..
						2	Draftsmen	80	..	..		80	..	..
						4	Lascars at Rs. 6 each	24	..	..		24	..	..
							Total per month ..	159	..	..		159	..	..
							Total per two months ..	318	..	..		318	..	..
				Grand Total ..	4,100		Grand Total ..	4,224	..	..		430	..	306

(Signed) S. D. PEARS,
for Acting Chief Engineer for Irrigation,
in charge of Tank Restoration Scheme.

GENERAL.
ESTABLISHMENT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated December, 19th.

Recd.

Encl.

G.O., 19th Dec. 1888, No. 3978 W.

DECEMBER.

Special Establishment required for the Tank Restoration Scheme

Statement of — during January and February 1889, sanctioned, and the proposal to form a sixth Tank Party to work in the Bellary district, approved with remarks.

Proposition statement showing the special establishment required for the Tank Restoration Scheme for 1889-90

5-

Number	Date	Office by which the Proposition is made	Present Scale No.	Present Scale Designation	Present Scale Average rate of pay	Proposed Scale Number	Proposed Scale Designation	Proposed Scale Average rate of pay	Permanent Increase per month Amount	Permanent Decrease per month Amount	Temporary Increase per month Period	Temporary Increase per month Amount	Temporary Decrease per month Period	Temporary Decrease per month Amount
4	4	4	4											
G.O. No 3978	Dated 19th November 1888	No I Party Tank Restoration Scheme Head Qrs Office T.R. Scheme	1	Clerk or (Manager)	160	1	Clerk or (Manager)	170			12 months	10		
			1	Head Clerk	92	1	Head Clerk	96				4		
			1	Clerk	36	1	Clerk	36						
			1	Do	30	1	Do	30						
			1	Do	22	1	Do	22						
			1	Do	17	1	Do	17						
			1	Draughtsman 1st Class	92	1	Draughtsman 1st Class	96				4		
			1	Do	62	1	Do	62						
			1	Do	50	1	Do	40						10
			1	Do	38	1	Do	38						
			1	Do	35	1	Do	25						10
			1	Do	30	1	Do	30						
			1	Do	30	1	Do	30						
			6	Clerks at Rs 12 each	72	6	Clerks at Rs 12 each	72						
			1	Muchee	12	1	Muchee	12						
			1	Messenger	10	1	Messenger	10						
			2	Do	12	2	Do	12						
			1	Lascar	7	1	Lascar	7						
			2	Do	12	2	Do	12						
				Total for month	819		Total per mensem	817				18		20
				Total for 2 months	1638		Total per annum	9804				216		240
			1	~~Clerk~~	35	1	Clerk	35						
			1	Do	25	1	Do	25						
			1	Clerk or Asst Draughtsman	20	1	Clerk or Asst Draughtsman	20						
			1	Draughtsman	50	1	Draughtsman	50			6		Four	
			1	Do	40	1	Do	40						
			5	Lascars	30	4	Lascars	24						
							Total per mensem	194						
							Total per annum	2328						
			1	Clerk	20	1	Clerk from 1st to 31 March/89	20					For one month	20
			1	Do	20	1	Do " 1st to 31 Do	20						20
						1	Lascar " 1 to 31 Do	6						6
														46
														506
				Total for month	240		Total	2374						
				Total for 2 months	480									

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13

G. O. No 3978 C.

Dated 19 December 1888

7

No II Party Tank R.R. Scheme

For 12 months

1	Clerk	35	1	Clerk	35		
1	Do	25	1	Do	25		
1	Clerk or Asst Draughtsman	25	1	Clerk or Asst Draughtsman	25		
1	Draughtsman	60	1	Draughtsman	60		
1	Do	40	1	Do	40		
5	Lascars	30	4	Lascars	24		
				Total per mensem	209		
				Total per annum	2508		
1	Clerk	20	1	Clerk from 1st to 31st March/89	20	For one month	20
1	Do	20	1	Do 1st to 31 do	20		20
			1	Lascar 1 to 31 do	6		6
	Total for month	255					46
	Total for 2 months	510		Total	2554		506

No III Party Tank Restoration Scheme

8

For 12 Months

1	Clerk	40	1	Clerk	40		
1	Do	25	1	Do	25		
1	Clerk or Asst Draughtsman	25	1	Clerk or Asst Draughtsman	25		
1	Draughtsman	70	1	Draughtsman	50		20
1	Do	30	1	Do	30		
5	Lascars	30	4	Lascars	24		
				Total per mensem	194		20
				Total per annum	2328		240
1	Clerk	20	1	Clerk from 1st to 31 March/89	20	For	20
1	Do	20	1	Do do 1 to do	20	one	20
			1	Lascar do 1 to do	6	month	6
	Total for month	260					46
	Total for 2 months	520		Total	2374		506
							746

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1838

No IV Party H Scheme

9

1	Clerk	40 S	1	Clerk	40	
1	Do	25 S	1	Do	25	
1	Clerk or Asst Draughtsman	20 S	1	Clerk or Asst Draughtsman	20	
1	Draughtsman	40 S	1	Draughtsman	40	
1	Do	30 S	1	Do	30	
5	Lascars	30 S	4	Lascars	24	
				Total per mensem	179	
				Total per annum	2148	
1	Clerk	20 S	1	Clerk from 1st to 31 March 1839	20	For 20
1	Do	20 S	1	Do do	20	one 20
1	Draughtsman	20 S	1	Draughtsman do	20	month 20
			1	Lascar do	6	6
						66
	Total per month	245 S		Total	2214	726
	Total for 2 months	490				

For 12 months

No 39

Dated 19th Dec

No V Party H Scheme

10

2	Clerks	40 S	2	Clerks	40	
1	Draughtsman	50 S	1	Draughtsman	50	
1	Do	20 S	1	Do	20	
4	Lascars	24 S	3	Lascars	18	
	Total per month	134 S		Total per mensem	128	
	Total for 2 months	268 S		Total per annum	1536	
			1	Lascar	6	For one month 6
				Total	1542	66

For 12 months

No VI Party H Scheme

1	Clerk	35 S	1	Clerk	35	
1	Do	20 S	1	Do	20	
2	Draughtsmen	80 S	2	Draughtsmen	80	
4	Lascars	24 S	5	Lascars	30	6
	Total per month	159 S		Total per mensem	165	6
	Total for 2 months	318 S		Total per annum	1980	72

For 12 months

81

15

86

No VII Party H Scheme

		11
Godavari Eastern Party		
1 Clerk	20	20
1 Draughtsman	30	30
1 Lascar	6	6
Total per month	56	56
Total for 11 months from 1st April 1889	616	616
Godavari Western Party		
1 Clerk	20	20
1 Draughtsman	30	30
1 Lascar	6	6
Total per month	56	56
Total for 11 months from 1st April 1889	616	616

No VIII Party H Scheme

		11	12
Vizagapatam			
1 Clerk	20		20
1 Draughtsman	20		20
1 Lascar	6		6
Total per month	46		46
Total for 11 months	506		506
Grand Total	24580 764 25344	2026	2790 20

Total for 2 months 4224

Grand Total for 12 months 25344

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C. [illegible]ewaley
Chief Engr for Irrign
HRS

Statement of Upper Subordinates required for the Tank Restoration Scheme

Party	No. of Over=seers	Salary of each Overseer	Remarks
No. I	1	80	
No. II	1	60	
No. III	1	60	
No. IV	1	80	
No. V	1	60	
No. VI	2	60	
No. VII	1	100	
	1	60	
No. VIII	1	60	
	10		

110
80

Chepauk
4th March 1889

S. D. Pears
for Chief Engineer for Irrign
Tank Restn Scheme

ENCLOSURE
205
13 MAR 89

E.1
2483

Chepauk 8th March 18

No. 19 Encl.

11P

Note by the Chief Engineer
for Irrigation

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Ens: 2.

The accompanying proposition statement of Establishment required from 1st March 1889 to 28th Feb 1890, for the Tank Restoration Scheme, is submitted for the sanction of Government.

2. The first statement printed with G.O. No 7671 of 22nd December 1888, shows that the margin between investigation and execution was about 5 lakhs at the end of Septr./88. This is considered sufficient, and since the 6 Parties, as at present constituted, turn out estimates exceeding

in

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~~21~~

in amount the annual grant available for "Works," it is proposed to further reduce the strength of each Party to one Overseer, three Surveyors, and proportionate Office and Petty Establishment. The Office and Petty Establishment may be reduced at once, from 1st April, and reduced provision for these has accordingly been made in the accompanying statement, but as resignations are frequent in the Tank Restoration Establishment, it is proposed to effect the reduction among Overseers and Surveyors gradually, as vacancies occur, and not by dispensing with the services of the extra men at once, since the latter course would only involve the loss of practised men, while the vacancies that are sure to occur in the next few months, would have to be filled up by men unaccustomed to the work. It is anticipated that the proposed scale will be worked down to in 6 months or less; meanwhile the numbers at present actually employed are provided for in the statement.

3. As proposed in the note accompanying G.O. No. 3978 W dated 19th Decr. /88, two Inl. Parties will be started in the Godavari District, from 1st April, one

one to be under the Executive Engineer, Eastern Division, and one under the Executive Engineer Western Division; each Sub Party to consist of one Overseer, two Surveyors, and Office and Petty Establishment. These Sub Parties will be furnished with Overseers and Surveyors by transfer from the existing Parties.

4. It is also proposed to start a small Party in Vizagapatam District, which will be under the orders of the Executive Engineer Vizagapatam Division, and will similarly be furnished with an Overseer and two Surveyors from the existing Parties, whose proposed reduction will

80

23
19

will thus be almost wholly effected.

5. The amount of sanctioned Estimates in Chingleput being about 4 lakhs in advance of the expenditure up to date in that Division, it is considered inexpedient to add to the former by preparing more estimates, many of which ~~will evidently~~ would probably be rendered obsolete by breaches, weather, &c, before there can be any hope of their being worked out. It is therefore further proposed to transfer No. II Party on the completion of the Chembarambakkam Minor Basin in May, to Tinnevelly, in which District it will begin work

work at the Southern extremity, working northwards to meet No. I Party which will shortly be entering the northern part of the District from Madura. No. II Party while in Tinnevelly will be under the Executive Engineer No. I Party, and as No. IV Party will be entering Salem District about the same time that No. II Party moves to Tinnevelly, No. V Party (North Arcot) may conveniently be combined under the Executive Engineer with No. IV Party, and one Executive Engineer thus set free for employment on the ordinary P.W. Establishment or elsewhere.

The

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The completion of Chingleput District may meanwhile be deferred until some of the large amount of Estimates relating to it, has been worked off.

6. A statement of the Upper Subordinates required is submitted for the first time; it cannot therefore contain a comparison with the "Present scale": it is however in exact accordance with present actuals.

7. The estimate for Surveyors and for Petty Establishment chargeable to "Works" will be disposed of in the Irrigation Branch

2A

20

G. Walch
Ag. Chief Engr. for Irrign.

To
The Chief Engineer
P.W. Department.

K.D. 9-3

2483

G.O. 767 W d/ 22.12.88
" 3978 W d/ 19.12.88
" 1199 C d/ 8.3.89
" 1282 C d/ 12.3.89

Very urgent

No. 1282 C d/ 12th March 1889

To

C

Please check the statement as regards "present scale" & return the file with the least practicable delay.

12.3.89

12/3/89

W

2nd 14

No. 334 d/ 14th March 1889

To W.

Entries in column "present proposal scale" of the statement have been checked and found correct.

C.

14/3

14/3

Enc. 2

Found at [illegible] [illegible] [illegible]

13/3/89

EXAMINED
No. 205
13 MAR 1889
P. W. ACCOUNTS

Recd 15.3.89

Genl
Estab

No. 810 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 16th March/89

READ the following

810

1/811

From the Chief E. for Irr. No. 19 I.W. d/ 8.3.89
" Exr. P.W. Accts. - 334 d/ 14.3.89

The proposed distribution which involves a small decrease of Rs 764 per mensem seems all right. What I want to see however is greater energy in execution. The allotment of 6½ lakhs will not be worked up to this year, owing to slack execution. Many of the estimates will be obsolete by the time the works come to be carried out. I should like to see some strong orders issued to Supdg. Engrs. in the matter.
With regard to the upkeep of works handed over complete, was not the Chief Engineer to make some enquiries in Madras?

HCl
15 mar.

The proposals of the Chief Engineer for Irrigation for continuing & extending the operations of the Tank Restoration Scheme during 1889-90 are approved, and the statement of special establishment required during the year is sanctioned.

HCl
15 mar

2. Provision for the requisite upper subordinate establishment will be made

made separately:

15/3/89

3. This sanction has been registered as Provincial No: 74 W of 1888-89, and classified as Establishment, Temporary.

B/E

Ch. E. Irrg. D. 1613
Supdg Engr
Exe Engr
Rev Dept

Issd. 15.III.89

Cn

No. ——— C.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, 8th March 1889.

810

OFFICE NOTE.

From

E. I.

To

W

In G.O. 3978 W d/ 19-12-88 no notice is taken of the proposition in the "Note" with which it deals to the effect that I. R. Work shall be taken up in the Godavari district under the Exec. Engineers. May silence be taken as consent?

2. In conversation with both you & the H. M. the proposal has been discussed & approved & I have written instructions to the Supdg: Engineer. May I send them? It is important that they shd go at once in order to have the

statement for the temporary establishment which he intends to be appointed.

The proposition statement of temporary establishment required for the Tank Restoration Scheme during 1889-90 has not yet been received and E. I. may be asked to make the necessary provision therein for the establishment required for the Godavari Eastern and Western Divisions.

Cn
8.3.89

Maj 8/3.

810

B

I presume this
statement will have
to go to C for check,
unless the S. I. office
have already sent
it to C?

P.T.O.

9A

Cn
12/3

24

No. 1199 C of 8-3-89
" 3978 W " 19-12-88
" 767 I " 22-12-88

1889.

P. W. DEPARTMENT.

Current No. 2332

From The Chief Engineer
for Irrign:
(T. R. S.)

ENCLOS.—

No. 198. W.
Dated 8th March 1889
Received 11 — do —

SUBJECT.

Submitting a proposition statement of Establishment required from 1st March 1889 to 28th Feby 1890 for the Tank Restoration Scheme for the sanction of Govt.

DISPOSAL.

No. 1282 C Dated 12 March 1889

Very urgent

To
C

Please check the statement as regards "present scale" & return the file with the least practicable delay.

(Sd) W. L. C. B
12-3-89.

(Sd) H. R. M
12/3/89

12/3

13/3

16

860

~~26~~ 27

Govt. of {1889} Madras.
PUBLIC WORKS.

Dated

Recd.

Encl.

G.O., 16 May 1889 No. 810 W

Tank Restoration
=
Scheme
=
Orders approving proposals of the Chief Engr. for Irrign. for continuing & extending the operations of the – during 1889/90

(26)

220/12

16/8 16/3